FEDCO

2025

Bulbs & Garlic for Fall Planting

FEDCO·SEEDS

Garden • Farm • Orchard

Welcome to Fedco's 2025 Bulbs order!

After a beautiful cold winter, which offered the best ice skating and skiing we've had in years, we've emerged into a proper Maine spring—lots of rain, April snows, mud and flooded basements, but enough sunny days to awaken the crocus, squill, snowdrops, narcissus and the rest of the early spring blooms. By the time this catalog has landed on your kitchen table, the tulips may have come and gone.

Last year we overhauled our flowerbulb offerings, expanding our Narcissus and Tulip lists to showcase a wider array of forms and colors, both antique and modern. This year we've spruced up our Allium lineup—if you're not sure flowering onions are your thing, take a second look. And check out our expanded Peony selection, which now includes three gorgeous and hardy Itoh Peonies.

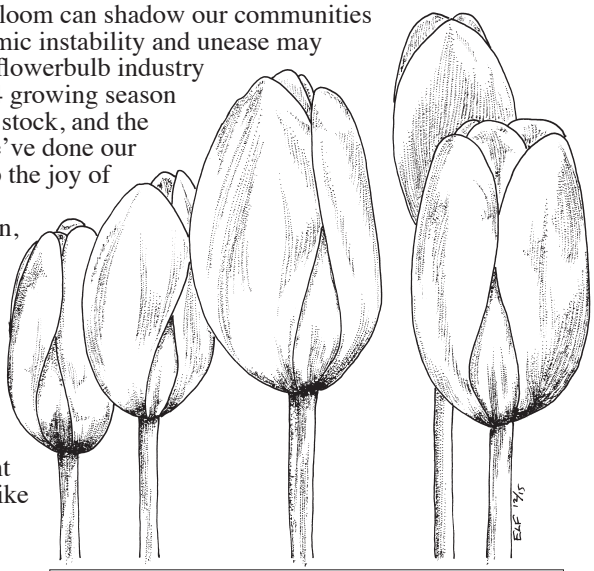
Our garlic assortment is robust as always. We've rounded up a nice selection of hardneck Porcelain, Rocambole and Purple Stripe varieties, and added a braidable softneck garlic. All our garlic is grown in the cold Northeast, mostly here in Maine, and each lot is tested to ensure you receive healthy seed stock.

Even at the brightest time of year, gloom can shadow our communities and our doorsteps. High prices, economic instability and unease may still rule the day as you read this. The flowerbulb industry faces a hard year due to a terrible 2024 growing season in Holland, substantially reduced seed stock, and the specter of disruptive import tariffs. We've done our best to mitigate price increases to keep the joy of gardening accessible.

We encourage you to find inspiration, cheer, a little levity, and some new garden companions within these pages. And don't forget to simply look down; those well-established flower clumps in our yards and gardens may be ready for division. Spread them around your home or neighborhood, trade with fellow gardeners, or simply gift your abundant bulbs to others. Flowers and friends alike will be grateful.

Happy planting!

– The Fedco Bulbs Team



Questions or concerns?

Email: questions@fedcoseeds.com
Call: (207) 426-9900

Phone hours: Mon–Fri, 9am–5pm EST
(We do NOT take orders over the phone.)

Catalog Requests: (207) 426-0090
- Our **Trees** catalog is out in October;
- **Seeds & Supplies** catalog, in December.

fedcoseeds.com

What's so great about Fedco?

- Our mission is to repopulate the world with plants and to foster a resilient food system!
- Our workspace is no-frills; we value fair pricing and livable wages. Our wage ratio is *3:1*, with no CEO at the top.
- We distribute any profits among all co-op members and to kindred community efforts.
- We don't sell genetically engineered seeds or plants.
- Our Seeds division works hard to keep veggie seeds in the Commons and away from corporate control.
- No part of our catalog is created by AI. We are humans! Humans with real experience growing plants!

Order by August 15, 2025,
for best selection and priority shipment.

- If we have the inventory, we'll continue taking online orders after 8/15. *No late paper order forms*.
- **Shipping** begins September 30, through October.
- If you want bulbs early, *order early!*

Order online at **fedcoseeds.com**
where you'll find up-to-date availability, color photos and other Fedco products.

- **Pickup customers:** We'll contact you mid-October when your order is ready to pick up at our warehouse.
- Fedco's **Organic Growers Supply** is open for walk-in sales of amendments, farm seed, tools and more!
  688 Bellsqueeze Road, Bldg 2, Clinton, Maine
  Monday–Friday, 9am–3pm, year-round

NEW for 2025 (or BACK! after a long absence)

- Czech Broadleaf Purple Stripe Garlic
- *Allium atropurpureum, A. amethystinum, A. schubertii!*
- Ping Pong Allium
  and more new Alliums!
- Snowboard Large-Cup Narcissus
- Beautiful Eyes Jonquilla
  and more new Narcissus!
- Fire Glow All-Season Tulip Mix
- Red Foxtrot Double Early Tulip
- Delta Storm Triumph Tulip
- Wedding Dress Darwin Hybrid Tulip
- Silk Road Double Late Tulip
- *Tulipa* 'Alba Coerulea Oculata'
  and more new Tulips!
- King's Day, Lorelei & Peter Brand Peonies
- All That Jazz & Singing in the Rain Itohs
  and more new Peonies!

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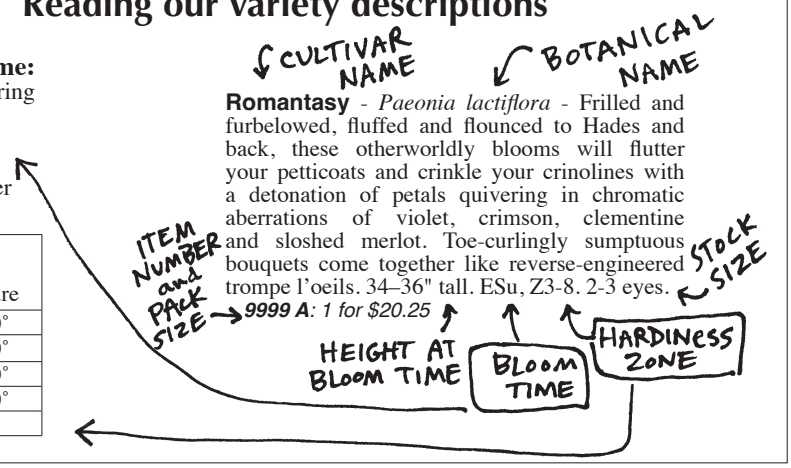
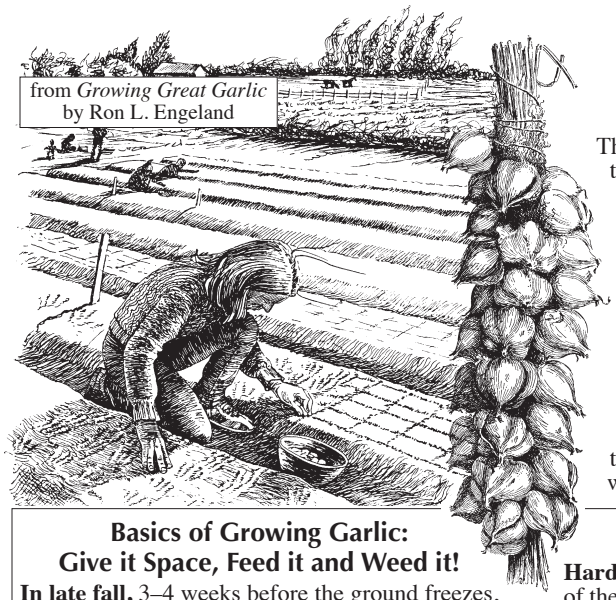
Reading our variety descriptions

Relative bloom time:
VE: very early spring
ES: early spring
MS: mid-spring
LS: late spring
ESu: early summer

USDA Hardiness Zone	Average Minimum Temperature
2	-50° to -40°
3	-40° to -30°
4	-30° to -20°
5	-20° to -10°
6	-10° to 0°


CULTIVAR NAME
BOTANICAL NAME
Romantasy - Paeonia lactiflora - Frilled and furbelowed, fluffed and flounced to Hades and back, these otherworldly blooms will flutter your petticoats and crinkle your crinolines with a detonation of petals quivering in chromatic aberrations of violet, crimson, clementine and sloshed merlot. Toe-curlingly sumptuous bouquets come together like reverse-engineered trompe l'oeils. 34–36" tall. ESu, Z3-8. 2-3 eyes.
ITEM NUMBER and PACK SIZE
9999 A: 1 for $20.25
STOCK SIZE
HEIGHT AT BLOOM TIME
BLOOM TIME
HARDINESS ZONE



from *Growing Great Garlic*
by Ron L. Engeland

Seed Garlic

Allium sativum

The bulb size, the skin color, the flavor, and the size and number of cloves are partly determined by genetics, and partly by soil and weather. We base our variety descriptions on reports from farmers, our garlic suppliers and our own experiences; your harvests may differ slightly.

Our size standard for a seed garlic bulb is 2" diameter, but we reserve the right to ship smaller garlic in difficult crop years.

Fedco requires every lot of garlic to test negative for garlic bloat nematode and white rot. See our website for details.

Basics of Growing Garlic: Give it Space, Feed it and Weed it!

In late fall, 3–4 weeks before the ground freezes, prepare a nitrogen-rich well-groomed seedbed. Garlic grows best in well-drained soils that are high in organic matter with a neutral pH. Consider getting a soil test to help you apply nutrients optimally. To make things easy for yourself, prepare beds with our **3G Greener Garlic Grower** (see page 52).

Garlic is a heavy feeder and needs space. Break up the bulb and plant cloves 6–8" apart, pointed side up, with the base about 3" deep. Mulch with 4–6" of hay, leaves or straw.

In spring, move the mulch to free any struggling spears, then replace it to keep moisture even and to help suppress weeds. Consider supplementing with a quick-release nitrogen source like blood meal. Check under the mulch occasionally to make sure soil stays moist throughout the season; well-drained or sandy soils may need watering, while heavier clay soils might need none at all.

In midsummer, the scapes of hardnecks will begin to unfurl and stand up. Leave them on and get somewhat smaller bulbs plus bulbils, or cut them off for larger bulbs at harvest.

In mid-late summer, allow the soil to dry somewhat about a week before harvest. Check bulb growth when the bottom leaves are yellow and 5–6 leaves are still green, late July to early August for us in central Maine. Harvest bulbs before cloves begin to separate. Use a garden fork to loosen the soil and lift gently.

Tie and hang to cure in a well-ventilated place, protected from sun and rain, until dry. Do not field-cure.

To store, trim roots, trim tops to within 1" of the bulb, rub off loose skins and any dried dirt, and store in a cool dry place.

Replant your best garlic in late fall for next year's crop. The cycle continues!

Hardneck vs. Softneck

Hardneck garlic has a hard stalk in the center of the bulb, and (the vast majority of the time) only one ring of cloves. Plant grows an edible scape, a tall leafless stalk with a flower-like top. Tops are too rigid to braid but can be tied in attractive bundles and hung.

For best bulb size, cut off the scape before it uncurls. One of our favorite midsummer tasks is clipping the scapes and enjoying them grilled, stir-fried, pickled, or in pesto!

If you leave the tops on, the below-ground bulb will likely be smaller, but you'll get a membrane full of little bulbils, which you can plant if so inspired (see next page).

Hardnecks are closer to wild garlic and varieties present a range of characteristics and complex flavor profiles. Very cold hardy.

Softneck garlic produces multiple rings of cloves and a soft braidable top. Softneck types have mostly lost the ability to produce a stalk with flowering parts—but sometimes they bolt and produce extra "cloves" in the stem. Growers like softneck varieties for their extra-long shelf life in cold storage.

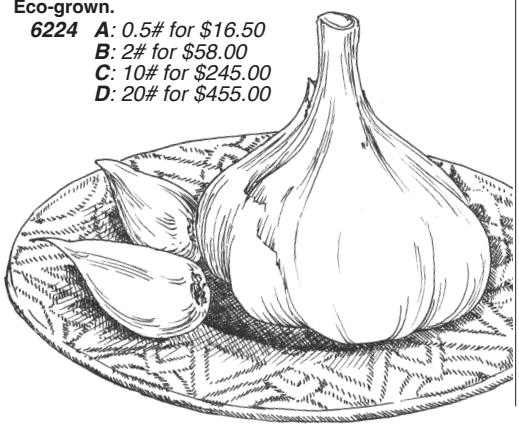
from *Growing Great Garlic*
by Ron L. Engeland

Porcelain Garlic

This hardneck type produces 3–6 very large cloves with tight porcelain-white skins. Excellent storage. Huge cloves are wonderful in the kitchen and perfect for pesto-making or baking whole. Scapes form arches, curls and loose coils, and develop hundreds of tiny grain-sized bulbils. Slower propagation than other hardnecks; **20-40 cloves per pound**. Zone 3-8.

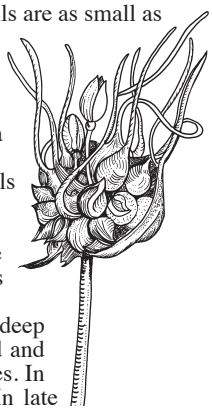
Georgian Crystal - This fine Porcelain type has large cloves and a medium bite. Like many of our favorite culinary garlics, it hails from the mountainous nation of Georgia. Similar in flavor to German Extra-Hardy or Music, though some folks find it superior. When eaten raw, a bit less bite than Georgian Fire. Stores well into winter. **Eco-grown.**

6224 ***A****: 0.5# for $16.50*
B*: 2# for $58.00*
C*: 10# for $245.00*
D*: 20# for $455.00*



Propagating Garlic with Bulbils

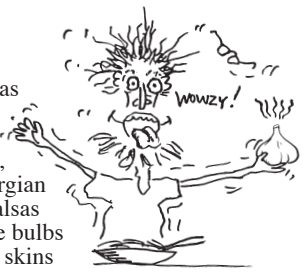
A mature scape will form a cluster of little bulbils. Depending on type, the bulbils are as small as rice grains (Porcelains) or as large as peas (Rocambole). You can propagate hardneck garlic from these bulbils, but it takes 2–3 years to get a mature head. If you have the time, propagating from bulbils is a thrifty way to increase your seed stock, and since bulbils don't carry soil-borne diseases, you can be sure this stock is clean.



In fall, sow the bulbils 1" deep and 1" apart in a garden bed and mulch well with hay or leaves. In spring, remove the mulch. In late summer (when you harvest your regular garlic crop), dig up the plants in your bulbil patch and cure them with your other garlic. The plants will have formed a single marble, which you will replant in fall as you would regular seed garlic cloves. For some types, you may have to repeat this step another year before getting a proper head of garlic with individual cloves.

Life is long—plant bulbils!

Georgian Fire - Garlic aficionados adore this fiery Porcelain, which has more bite than Georgian Crystal. Distinctly pungent, finely minced Georgian Fire will heat up salsas and sauces. Sizable bulbs with blushed inner skins store well.



Georgian Fire - Certified Organic

6227 ***A****: 0.5# for $17.00* ***B****: 2# for $61.00*
C*: 10# for $265.00* ***D****: 20# for $475.00*

Georgian Fire - Eco-grown

6226 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*
C*: 10# for $245.00* ***D****: 20# for $455.00*

German Extra-Hardy - Perhaps the most stalwart grower among the Porcelains, with big bulbs typically yielding four huge cloves; range is 3–5. White outer skin, rusty reddish-tan clove skins. Hardy plants, hearty flavor, excellent storage; a proven winner for both market growers and home gardeners.

German Extra-Hardy - Certified Organic

6229 ***A****: 0.5# for $17.00* ***B****: 2# for $61.00*
C*: 10# for $265.00* ***D****: 20# for $475.00*

German Extra-Hardy - Eco-grown

6228 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*
C*: 10# for $245.00* ***D****: 20# for $455.00*

Leningrad - We're smitten with this hard-to-find garlic for its performance in both field and kitchen. Expect 4–6 robust spicy cloves per bulb. Exceptionally long storage life, even among long-storing Porcelains. Plants get taller than just about any hardneck around. The variety originates in the cold climate of either Russia or Belarus. Not an easy variety to come by, so consider sharing seed stock with a friend or neighbor. Keep it in the neighborhood! Our seed stock is from Aroostook County, ME, with love. **Eco-grown. NEW!**

6234 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*

Music - A trusty variety for northern growers. Al Music brought this Porcelain type from Italy to Ontario in the 1980s, where it became prized for thriving in colder climates. Similar to German Extra-Hardy, it boasts great field performance, large succulent cloves, wonderful flavor, easy-to-peel wrappers and long shelf life.

Music - Certified Organic

6231 ***A****: 0.5# for $17.00* ***B****: 2# for $61.00*
C*: 10# for $265.00* ***D****: 20# for $475.00*

Music - Eco-grown

6230 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*
C*: 10# for $245.00* ***D****: 20# for $455.00*

Eco-grown indicates crops grown without chemical pesticides, fungicides, herbicides or fertilizers. The growers use organic practices but do not choose to pursue certification.

Purple Stripe Garlic

The closest to the wild garlic ancestors, this hardneck variety hails from the harsh climate of central Asia. Genetic research shows the Purple Stripe group is the basis of all other types.

Tightly wrapped cloves with long tips. The wrappers are striped in purple. Cloves (8–12 per bulb) usually form a single layer around the hard center stalk, though very large bulbs may have inner cloves. Superb for roasting. Can store well into winter, a bit longer than Rocamboles.

May emerge slightly earlier in spring than other types. Scapes coil vigorously; small bulbils. **40-65 cloves/lb**. Zone 3-8.

Chesnok Red - Highly productive and forms exceptionally large bulbs if conditions are favorable. Excellent for baking, though the flavor and depth of character shine most when sautéed, or raw in a vinaigrette. Stores well. Also known as **Shvelisi**, the name of the village in the Republic of Georgia where it was collected in the 1980s.

Chesnok Red - Certified Organic

6219 ***A****: 0.5# for $17.00*
B*: 2# for $61.00*
C*: 10# for $265.00*

Chesnok Red - Eco-grown

6220 ***A****: 0.5# for $16.50*
B*: 2# for $58.00*
C*: 10# for $245.00*
D*: 20# for $455.00*

Czech Broadleaf - Distinct for its very vigorous growth habit with noticeably more leaves than other hardnecks. This spicy easy-to-peel garlic has 6–10 large cloves per head. The lovely outer wrappers are purple striped and the inner papers around the cloves are light brown. There's some debate about the classification of this variety; some growers put it in a class of its own. **Eco-grown. BACK!**

6240 ***A****: 0.5# for $16.50*
B*: 2# for $58.00*

Marbled Purple Stripe Garlic

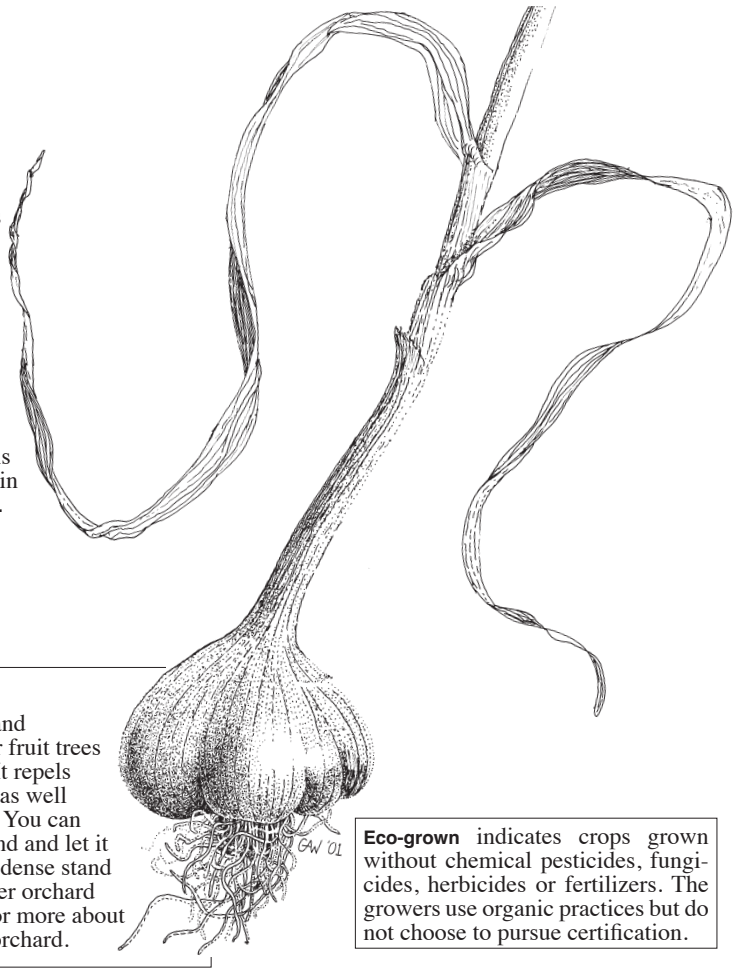
For now Marbled Purple Stripe is considered a subcategory of Purple Stripe, although emerging genetic evidence suggests the two may be more distantly relatedly than once believed.

Mottled purple striping on the skins of both clove and bulb. Cloves (4–8 per bulb) tend to be larger and more squat than those of Purple Stripes, and storage can be a bit longer. This hardneck type is renowned for roasting.

Scapes curl and coil dramatically; small bulbils. **35-55 cloves/lb**. Zone 3-8.

Siberian - Despite its name, Siberian thrives in both cold and warmer climes. An heirloom variety known for its creamy cooked texture and robust well-rounded flavor that doesn't overpower other ingredients in a dish. Long storage potential of 6–7 months. Siberian garlic contains a very high amount of allicin, an antimicrobial compound that helps support the body's cholesterol levels and immune system.

6223 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*



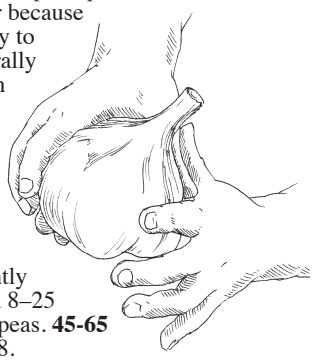
Garlic in the Orchard

We've been underplanting and interplanting garlic with our fruit trees and ornamentals for years. It repels unwanted molds and fungi, as well as aphids, mites and borers. You can leave this garlic in the ground and let it scatter its bulbils to make a dense stand that can cozy up among other orchard companions. See page 22 for more about companion planting in the orchard.

Eco-grown indicates crops grown without chemical pesticides, fungicides, herbicides or fertilizers. The growers use organic practices but do not choose to pursue certification.

Rocambole Garlic

Hardneck type produces 5–13 medium-large cloves with tan, brown or reddish skins, slightly loose and relatively easy-peeling. A shorter shelf life than Porcelains, perhaps because the clove skins are looser, or because of a slight tendency to split cloves. Generally stores well through February, and—if well cured and in optimal storage—can store months longer. Some claim Rocamboles have the finest, richest flavor. Tightly coiled scapes form 8–25 bulbils the size of peas. **45-65 cloves/lb.** Zone 3-8.



German Red - **Organic** - Red-burgundy outer wrapper leaves and a lighter brown clove covering. Typically 6–12 cloves per bulb; double cloves are common. Rich and robust flavor. Stores well for up to 6 months, longer with good storage. Said to be a medieval strain of garlic brought to North America in the 1700s.

6233 ***A****: 0.5# for $17.00* ***B****: 2# for $61.00*
C*: 10# for $265.00* ***D****: 20# for $475.00*

Russian Red - Named for its mottled burgundy skin, and said to have been brought to the Pacific Northwest by Russian immigrants in the early 1900s. Forms a ring of 6–12 large plump cloves around a central stalk. Aromatic with nutty notes when cooked; semi-spicy raw. "Delicious garlic flavor with no bitter aftertaste," says garlic aficionado M. Coffin. Flourishes in the cold and also thrives in warmer, damp and coastal areas. Keeps well for more than 6 months.

Russian Red - Certified Organic

6239 ***A****: 0.5# for $17.00* ***B****: 2# for $61.00*
C*: 10# for $265.00* ***D****: 20# for $475.00*

Russian Red - Eco-grown

6238 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*
C*: 10# for $245.00* ***D****: 20# for $455.00*

Garlic Samplers Not sure what type of garlic to grow? Our garlic sampler packs can help. Varieties in samplers are yet to be determined, so please *check our website* for availability.

Softneck Garlic

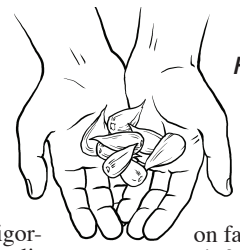
Sometimes referred to as artichoke garlic, softnecks produce a bulb with two or more rings of cloves and a braidable top with no rigid scape. Long shelf life in cold storage. Not quite as cold hardy as hardnecks. Zone 4-9.

Inchelium Red - Did someone say braiding garlic? This reliable softneck variety usually forms two rings of cloves, 2–3 inner cloves and 6–7 outer cloves, but can make a very large bulb with 4–5 rings. Inner cloves are not as tiny as in supermarket garlics. White bulb wrappers with reddish-purple markings. Very good flavor, but not intense; excellent raw. Strong yields, good bolt resistance, long shelf life. **Eco-grown. BACK!**

6232 ***A****: 0.5# for $16.50* ***B****: 2# for $58.00*

Yes, You Can Grow Great Garlic!

5G Grow Great Garlic Guaranteed Kit



If you're new to growing garlic, worry not, because everyone gets great coverage with our garlic network! You'll be broadcasting and downloading high-fidelity organic fertility customized for garlic. Includes everything but the garlic seed and mulch. We even have you covered post-harvest with a vigorous oats variety, for sowing where the garlic was and carrying beds solidly through the rest of the growing season.

Kit includes supplies for up to 100 cloves (about 2 lb) of seed garlic. We recommend 1 sq ft per garlic plant, so kit covers about 100 sq ft of growing space. You'll get:

- user-friendly garlic-growing instructions
- 5 lb 3G Greener Garlic Grower
- 2 lb blood meal
- 2 lb forage oat covercrop seed
- 8 wooden garden stakes
- 4 mesh produce bags

No NH Sales. All inputs MOFGA-approved for organic use. *Additional shipping charges apply—web orders only.*

web only - *one kit for $39.50*

Growing Great Garlic: The Definitive Guide for Organic Gardeners and Small Farmers by Ron L. Engeland, 213 pages, 6x9, softcover. If garlic is one of your passions, you'll enjoy this book. From an expert who has grown and sold over 100 strains, Engeland's excellent guide to growing garlic has become a classic. Discusses varietal differences, touches on fascinating history, and provides essential information on growing, harvesting, storing and marketing.

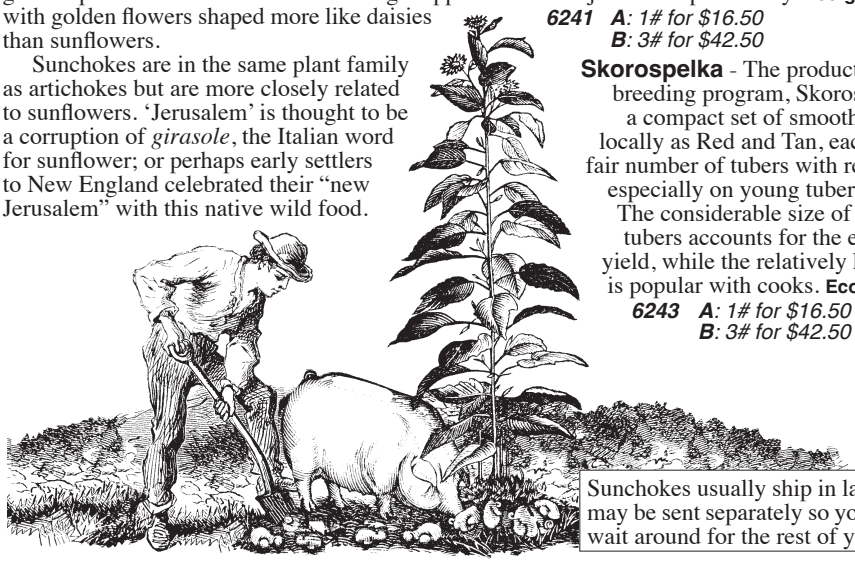
9608 A*: Growing Great Garlic book for $22.95*

If you don't want the whole 5G Kit, find our **3G Greener Garlic Grower** planting mix on page 52!

Sunchoke *Helianthus tuberosus*

Also known as **Jerusalem Artichoke**, these vigorous native perennial tubers have a flavor and texture somewhat like water chestnuts. Dig them in the fall and store for winter enjoyment in tight containers to conserve moisture, or dig in the spring as an early fresh vegetable. Each year it grows up into a 6–8' tall ornamental hedge topped with golden flowers shaped more like daisies than sunflowers.

Sunchokes are in the same plant family as artichokes but are more closely related to sunflowers. 'Jerusalem' is thought to be a corruption of *girasole*, the Italian word for sunflower; or perhaps early settlers to New England celebrated their "new Jerusalem" with this native wild food.



Canaan Cream - Originally brought to Maine in the 1970s from Binghamton, NY, by Fedco's founder's father, and Eco-grown ever since in Canaan, ME. This large white-fleshed, cream-skinned variety has been likened to the well-known Clearwater. Canaan tends to be knobbier, but is just as crisp and tasty. **Eco-grown in Maine.**

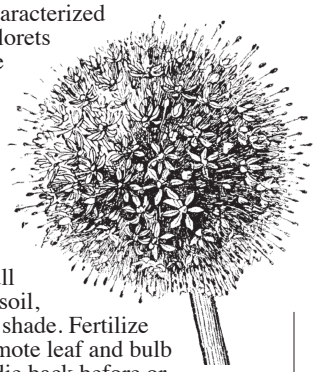
6241 A*: 1# for $16.50*
B*: 3# for $42.50*

Skorospelka - The product of a Soviet-era breeding program, Skorospelka produces a compact set of smooth tubers. Known locally as Red and Tan, each plant yields a fair number of tubers with reddish skin and, especially on young tubers, tan splotches. The considerable size of the blunt-ended tubers accounts for the excellent overall yield, while the relatively knob-free shape is popular with cooks. **Eco-grown in Maine.**

6243 A*: 1# for $16.50*
B*: 3# for $42.50*

Sunchokes usually ship in late October and may be sent separately so you don't have to wait around for the rest of your order.

Allium - Flowering Onion



This large genus is characterized by small six-petaled florets held in umbels—large or small, loose or tight. Sweet-smelling blooms make great cutflowers or dried winter arrangements; only if crushed will they smell like onion. Alliums are deer resistant and prefer full sun and well-drained soil, but can tolerate some shade. Fertilize in early spring to promote leaf and bulb growth. Leaves may die back before or during blooming.

Most types bloom late spring to early summer.

Allium Collections

Fedco's Tall Allium Collection - A selection of our favorite tall alliums. Contains one bulb each of Ambassador, Globemaster and Mount Everest; and three bulbs of Showy Persian Onion. Varieties are individually bagged and labeled. 24–48" tall. Z4-8. 10-20cm.

6427 ***A****: one collection, 6 bulbs for $45.00*

Fedco's Fireworks Allium Collection - Light a fuse in your garden for an explosion of allium blooms in purple, pink and white. These fireworks won't scare the pets! Includes a total of 25 bulbs: 5 each of Star of Persia, *A. schubertii*, and Arctic Snow; and 10 bulbs Purple Rain. Varieties are individually bagged and labeled. All of medium height, ranging 14–36" tall. LS-ESu, Z4-8. **NEW!**

6430 ***A****: one collection, 25 bulbs for $43.00*

Allium Mixes

Low-growing Allium Mix - A fragrant mix of three of the shorter alliums, in yellow (*A. moly*), rose (*A. oreophilum*), and white (*A. neapolitanum*). These little beauties will fill out space in your garden and make cheerful additions to bouquets. 8–12" tall. Z3-9. 4cm/up.

6429 ***A****: 10 bulbs for $5.50*
B*: 50 bulbs for $22.00*
C*: 100 bulbs for $42.00*

Wild About Alliums Mix - A stunning selection of medium to medium-tall flowering onions in shades of violet, purple, blue and white in a variety of shapes. 24–36" tall. Z4-10. Topsize bulbs.

6431 ***A****: 10 bulbs for $19.50*
B*: 50 bulbs for $85.00*
C*: 100 bulbs for $158.00*

Collection vs. Mix: What's the Diff?

In a **Fedco Collection**, varieties are individually bagged and labeled, so you know exactly what you're planting where.

In a **Mix**, varieties are all jumbled together in one bag; you'll be surprised what pops up next spring!

Low-growing Alliums

Allium caeruleum - Gorgeous flax-blue florets form a dense 1–2" umbel. This hardy variety from Siberia adds truly striking color to cutflower arrangements. Gradually forms large clumps that are sure to add early interest to the garden. We used to list it as **Blue of the Heavens**. 12–16" tall. LS-ESu, Z3-8. 5cm/up.

6401 ***A****: 10 for $5.50* ***B****: 50 for $21.00*
C*: 100 for $39.00*

Cameleon - *A. trifoliatum* - Bright rosy-pink florets change to white with rose midribs over time. Many show both colors at once, giving an overall pale pink apple-blossom effect. Species from northern Italy and southern France; variety also spelled Caméléon, French for *chameleon*. 10–12" tall. LS-ESu, Z5-9. 4cm/up.

6403 ***A****: 10 for $8.50* ***B****: 50 for $36.00*
C*: 100 for $65.00*

Allium moly - Starry florets form bright yellow 2–3" upright umbels. Naturalizes easily in sunny borders, rock gardens, light woods and under shrubs. Produces many bulblets that mature quickly. Grows wild in southern Europe where it was used for centuries as a talisman. Also called **Yellow Lily Leek** or **Golden Garlic**. 6–8" tall. LS-ESu, Z3-8. 5cm/up.

6405 ***A****: 10 for $4.50* ***B****: 50 for $19.00*
C*: 100 for $35.00*

Included in each heading or description:

- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
  - ESu: early summer
- USDA hardiness zones
- Bulb size

See bulb-planting instructions, pages 53–54.

Medium Alliums

Allium atropurpureum - Dark burgundy-red to purple florets with nearly black centers and stems form broad 2" flowerheads, like little goblets of port wine for the fairies. Beloved by pollinators; best planted en masse. Plant alongside white Alliums like Graceful Beauty and Mt. Everest for striking contrast. Wonderful cutflower. Species native from Turkey through the Balkans, this heirloom has been hosting Goth pollinator parties since the 1800s. 24–34" tall. LS-ESu, Z4-7. 8cm/up. **NEW!**

6400 ***A****: 10 for $8.50* ***B****: 50 for $36.00*
C*: 100 for $65.00*

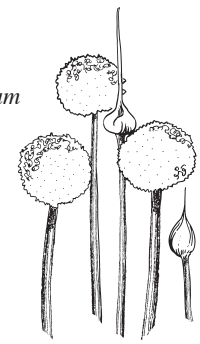
Drumsticks - *A. sphaerocephalon* - Dense ovoid 1–2" heads have a haunting color that's hard to describe: burgundy, dark reddish maroon, or maybe violet-red. Blooms lasted nearly a month in one cool moist Maine spring. Wonderful poking up through daylily foliage. 20–30" tall. E-MSu, Z4-8. 5cm/up.

6407 ***A****: 10 for $5.50* ***B****: 50 for $22.00*
C*: 100 for $39.00*

Graceful Beauty - *A. amplectens* - Elegant 2" white puffs with lavender stamens, sometimes with hints of pale pink and lilac. 14–18" tall. LS-ESu, Z4-9. 6cm/up.

6409 ***A****: 5 for $6.50*
B*: 25 for $26.00*
C*: 50 for $49.00*

Ping Pong - *A. ampeloprasum* Charming 2–3" globes of densely packed florets, white with a delicate pink shimmer. Wee and whimsical bobbing on long stems. 20–24" tall. MS-ESu, Z4-9. 5-6cm/up. **NEW!**



6408 ***A****: 10 for $5.50*
B*: 50 for $22.00*
C*: 100 for $42.00*

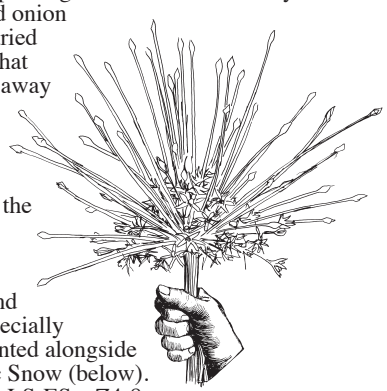
Purple Rain - Deep purple dense 4" globes will delight gardeners and pollinators alike. Naturalizes well. Purple Rain is a cross between the cultivar Purple Sensation and *A. cristophii*. 24–36" tall. LS-ESu, Z4-7. 10cm/up. **NEW!**

6410 ***A****: 10 for $8.50* ***B****: 50 for $36.00*
C*: 100 for $65.00*

Purple Sensation - *A. hollandicum* - Deep violet-purple 3–4" orbs on slender sturdy stems. Stunning along a walkway, or grouped in a border. Long vase life makes them a great cutflower. 24–36" tall. LS-ESu, Z4-8. 12cm/up.

6411 ***A****: 10 for $8.50* ***B****: 50 for $36.00*
C*: 100 for $65.00*

Allium schubertii - Giant 12" rosy pink to violet spheres—absolutely splendid. The individual florets dash out from the center on green stems that range in length to create an open airy look, like an exploding firework. Commonly called tumbleweed onion for its big dried seedheads that can tumble away in a stiff autumn wind. Introduced to the trade in the late 1800s, this allium bursts with character and texture; especially striking planted alongside **6402** Arctic Snow (below). 14–16" tall. LS-ESu, Z4-8. 12cm/up. **NEW!**

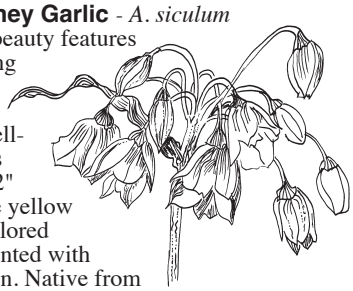


6412 ***A****: 5 for $10.50* ***B****: 25 for $46.00*
C*: 50 for $82.00*

A. schubertii **'Arctic Snow'** - A white selection of the species, with the same fun exploding form (see **6412**, above). Individual florets radiate out on thin stems of different lengths to create airy 12" umbels, like snowballs breaking apart in flight. Very special paired with the straight rosy-pink *schubertii* species. 14–16" tall. LS-ESu, Z4-8. 12cm/up. **NEW!**

6402 ***A****: 5 for $13.50* ***B****: 25 for $57.00*
C*: 50 for $99.00*

Sicilian Honey Garlic - *A. siculum* This rugged beauty features 4–5" cascading umbels, each bearing up to 30 delicate bell-shaped florets on drooping 2" pedicels. Pale yellow and cream-colored florets are painted with purple-maroon. Native from Provence and Sicily, along the north shores of the Mediterranean, and up into Bulgaria, where it is used as a seasoning. Former botanical names include *Allium bulgaricum* and *Nectaroscordum siculum*. 24–36" tall. LS-ESu, Z5-9. 8-10cm.



6413 ***A****: 10 for $8.50* ***B****: 50 for $36.00*
C*: 100 for $65.00*

Star of Persia - *A. cristophii* - Large 8–12" violet heads look like fireworks, exploding into glamorous 1" silvery stars. Excellent cutflower and dried seedheads stand out in the garden for months. Formerly *A. albopilosum*. 18–24" tall. LS-ESu, Z4-8. 12-14cm.

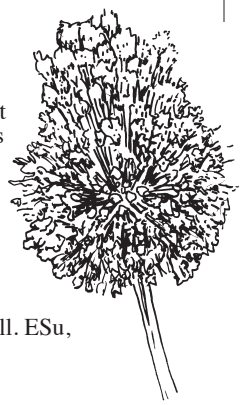
6415 ***A****: 5 for $10.50* ***B****: 25 for $46.00*
C*: 50 for $82.00*

Tall Alliums

Ambassador - Rich purple tightly compacted 6" globes of starry florets are borne on tall sturdy stems. One of the tallest, longest blooming and latest blooming of the statuesque Alliums, after Globemaster and before Summer Drummer. Blooms about the same time as the first wave of roses and can keep going for up to 5 weeks. 44–48" tall. E-MSu, Z3-8. 20cm.

6417 ***A****: 1 for $13.50*
B*: 3 for $34.00*
C*: 12 for $119.00*

Allium amethystinum



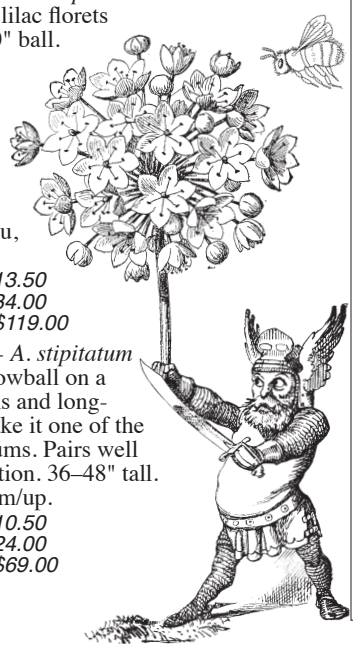
Fun and funky! Bloom starts as a tight globe but as it matures the top half explodes upward, like a big burgundy hairdo. Florets are wine-red with white highlights. Adds loads of texture, color and height, and the pollinators love it. The 4" blooms last quite a while and seedheads remain decorative. 36–48" tall. ESu, Z4-9. 10cm/up. **NEW!**

6424 ***A****: 5 for $10.50*
B*: 25 for $46.00*
C*: 50 for $82.00*

Giant Flowering Onion - *A. giganteum*
Densely packed 5–6" head of violet-purple florets opens atop a 3½–4' sturdy flower stalk. This giant needs shelter from strong winds. A spectacular cutflower; cut it short for a tabletop or long for a floor vase. 40–48" tall. E-MSu, Z4-9. 18-20cm.

6419 ***A****: 1 for $13.50* ***B****: 3 for $34.00*
C*: 12 for $119.00*

Globemaster - *A. cristophii* x *A. macleanii*
Hundreds of deep lilac florets form a dense 8–10" ball. Magnificent long-lasting flowers never fail to impress. Makes a remarkable dried flower for winter arrangements. 30–40" tall. E-MSu, Z4-8. 20cm/up.



6421 ***A****: 1 for $13.50*
B*: 3 for $34.00*
C*: 12 for $119.00*

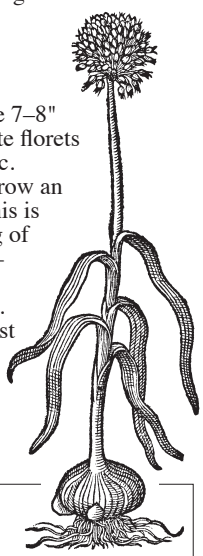
Mount Everest - *A. stipitatum*
Like a giant 6" snowball on a stake. Sturdy stems and long-lasting blooms make it one of the best all-white alliums. Pairs well with Purple Sensation. 36–48" tall. E-MSu, Z4-8. 18cm/up.

6423 ***A****: 1 for $10.50*
B*: 3 for $24.00*
C*: 12 for $69.00*

Showy Persian Onion - *A. rosenbachianum*
Big ebullient 4–5" dark-violet flowerheads comprised of up to 50 starry florets with delicate white stamens. Extends the bloom time of your flowering onion patch, with blossoms opening around two weeks earlier than other large alliums. 24–36" tall. ESu, Z4-8. 10cm/up.

6425 ***A****: 3 for $10.50*
B*: 12 for $39.00*
C*: 30 for $87.00*

Summer Drummer - Dense 7–8" globes of tiny purple and white florets that meld to appear frosty lilac. Stems mature to purple and grow an astounding 5 feet or taller! This is the tallest and latest blooming of the Alliums. Blooms are long-lived, appearing in July and often lasting well into August. Unattractive to deer, but a feast for pollinators. 60–65" tall. M-LSu, Z4-8. 12cm.



6426 ***A****: 3 for $12.50*
B*: 12 for $46.00*
C*: 30 for $96.00*

Planting Bulbs for the Pollinators

Spring-blooming bulbs offer early forage for many kinds of pollinators and beneficial insects. Consider these creatures when you plan your garden or orchard.

When planting for pollinators, keep in mind that they mostly go for the single-petaled flowers. Pollinators struggle to access the cultivars with complicated structures and double blooms.

Crocus - Very early delightful whites, purples, creams and yellows emerging while the last snow falls on the robin's back. The bees will go nuts for these. Plant en masse and then plant more every year. They bloom when there is little else for pollinator forage.

Grape Hyacinth (Muscari) - Early to midspring blooms just on the heels of the crocus. Muscari last for the better part of a month, and the bees seem to have no trouble climbing into the elongated bells of this adorable flower.

Daffodils - Apples, pears, plums and peaches are all blooming while the Narcissus peak. Planting rings of Narcissus around your fruit trees will beckon the bees to your orchard.

Species Tulips - These single starry blossoms are easier for pollinators to climb into than the big flouncy garden tulips.

Alliums - Large umbels are loaded with individual florets, each one beckoning to bees and butterflies in early summer.

Take your pollinator stewardship further by installing a **Bee House**, which provides nesting sites for native leafcutter and mason bees. (See our website for Cabana Bee Houses and reeds.)

Spring Crocus

A classic for early spring color that also provides early food for bees. One of the most popular genera, they are welcome precursors of spring—colorful, long-lived, and easy to grow. Their waxy coat allows them to bloom even through a late snow. Flowers open wide in bright sun and close up at night and on grey days. Once established, crocus can spread by "cormlets" and seed in well-drained areas. Foliage of low-growing varieties fades before the grass needs mowing. Very hardy, Z3-8.

Crocus Mixes and a Collection

Species Crocus Mix - A mix of types and colors, mostly *Crocus chrysanthus* with some of the other small, low-growing species as well. 2–4" tall. VE, Z3-8. 6cm/up.

6493 ***A****: 25 bulbs for $13.50*
B*: 50 bulbs for $26.00*
C*: 100 bulbs for $49.00*

Jumbo Crocus Mix - *Crocus vernus* varieties in yellow, white, purple, blue and stripes, for large-scale naturalizing or border plantings. 4–6" tall. VE-ES, Z3-8. 8-9cm.

6491 ***A****: 25 bulbs for $13.50*
B*: 50 bulbs for $26.00*
C*: 100 bulbs for $49.00*

Fedco's Low Border Collection - More than 100 early blooming bulbs for creating a beautiful garden border. This playful collection will bloom for several weeks in spring as various species take turns showing their colors. Enough bulbs for planting 4–9 sq ft area.

10 bulbs each *Iris danfordiae*, *Iris reticulata*, *Chionodoxa forbesii*, *Eranthis cilicica*, *Galanthus nivalis*, *Puschkinia scilloides*, *Scilla siberica*.

25 bulbs each Jumbo Crocus mix and Species Crocus mix.

Varieties are individually packaged and labeled; all bulbs are topsize. Planting suggestions accompany each type.

We reserve the right to substitute a component with a similar variety should one become unavailable. 3–8" tall.

6469 A*: one collection, 120 bulbs for $73.75*

Snow Crocus *C. chrysanthus*

The best-known small crocus species. Up to 4 fragrant flowers per corm, with rounded petals. Native to Greece, Turkey and the Balkans. 3–4" tall, except where noted. VE, Z3-8. 5cm/up, except where noted.

Blue Pearl - Pale snowy-blue petals with a bronze base outside, pearly white and pale blue inside with a yellow base. 6cm/up.

6471 ***A****: 25 for $13.50* ***B****: 50 for $26.00*
C*: 100 for $49.00*

Cream Beauty - Light eggnog cream with a slightly darker base and orange stamens. Not one of the usual colors, but plays well with others.

6473 ***A****: 25 for $13.50* ***B****: 50 for $26.00*
C*: 100 for $49.00*

Dorothy - Bright deep orange-yellow inside with a light feathering of bronze on the base outside. 6cm/up.

6475 ***A****: 25 for $13.50* ***B****: 50 for $26.00*
C*: 100 for $49.00*

Prins Claus - White petals brushed with dark violet on the outside, white inside with bright orange stamens.

6481 ***A****: 25 for $16.50* ***B****: 50 for $31.00*
C*: 100 for $56.00*

Snow Bunting - Winter white with gold stamens, very lightly feathered grey-blue on the outside. Lightly fragrant. One of the very earliest.

6485 ***A****: 25 for $13.50* ***B****: 50 for $26.00*
C*: 100 for $49.00*

Ruby Giant - *C. tommasinianus* - Purplish-red slender flowers with a lighter base and margins. Pointy petals, 1–2 flowers per corm, and a very pronounced white stripe on the leaves. Doesn't compete well in grass, but easily reseeds itself and forms colonies in gardens. This crocus species is the first to bloom in many places. Large, almost as large as the Jumbos, vigorous and free-flowering. The most tolerant of moisture during the dormant period. Species called **Woodland Crocus**, native to Bulgaria and Dalmatia. VE. 5cm/up.

6483 ***A****: 25 for $13.50* ***B****: 50 for $26.00*
C*: 100 for $49.00*

Tricolor - *C. sieberi* sbsp. *sublimus* f. *tricolor* Golden-orange throat banded with white makes a vivid center in these bright lilac-blue blooms. Sublimely striking whether in the garden or forced indoors. Sometimes the flowers emerge before the leaves; flowers open wide and starlike in the sun. One to three scented flowers per corm. Vigorous species native to Greece and Crete. 2–3" tall. VE. 5cm/up.

6487 ***A****: 25 for $13.50*
B*: 50 for $26.00*
C*: 100 for $49.00*

Yellow Mammoth - *C.* x *luteus* (*C. flavus* x *C. angustifolius*) - The classic big yellow, the most popular crocus variety for over 300 years. Also sold under the names Golden Yellow, Giant Yellow, and Grote Geele. Vigorous, 2–5 large flowers per corm. Sterile; spreads by offsets. Blooms slightly before the Jumbos, *C. vernus*, but often is grouped with them. 4–6" tall. 8-9cm.

6489 ***A****: 25 for $18.50*
B*: 50 for $36.00*
C*: 100 for $68.00*

Jumbo or Dutch Crocus *C. vernus*

While "jumbo" relative only to other crocuses, they are larger, slightly later than the smaller kinds, and are the most commonly grown. Good for bedding, naturalizing and forcing. Flowers do equally well in sun or partial shade. Divide every 3–4 years if needed to prevent overcrowding. 4–6" tall. VE-ES, Z3-8. 8-9cm.

Flower Record - Deep violet-mauve flowers with a purple base, and bold orange-yellow stigma and stamens. Spreads readily. Popular since its introduction in Victorian times as **Crocus Purpurea Grandiflora**.

6477 ***A****: 25 for $13.50*
B*: 50 for $26.00*
C*: 100 for $49.00*

Pickwick - Marble-white petals striped and tinged with lilac-purple veins. Naturalizes to form textured high-contrast clumps of color. Stunning.

6479 ***A****: 25 for $13.50*
B*: 50 for $26.00*
C*: 100 for $49.00*

Stinzenplanten: Naturalizing with Bulbs

Underplant your lawn with naturalizing flower bulbs for a delightful carpet of early spring blooms! S*tinzenplanten*, a Dutch tradition, works best in dappled spring light beneath deciduous trees or at the forest's edge where the grass is sparse from summer shade. In Maine it's not uncommon to see a stinzenplanten of Snow Crocus, Chionodoxa or Squill. After a long winter, coming upon swaths of wee blooms is utterly enchanting.

The best bulbs for stinzenplanten are those that naturalize and multiply by underground bulblets. Some varieties may also self-seed over time. Once your plants are established, you can divide and replant them to expand your area. Most types of bulbs recommended for stinzenplanten are small and can be planted about 3–4" apart. A long planting auger attached to a drill will save your back when planting lots of bulbs. (See page 50 for planting augers.)

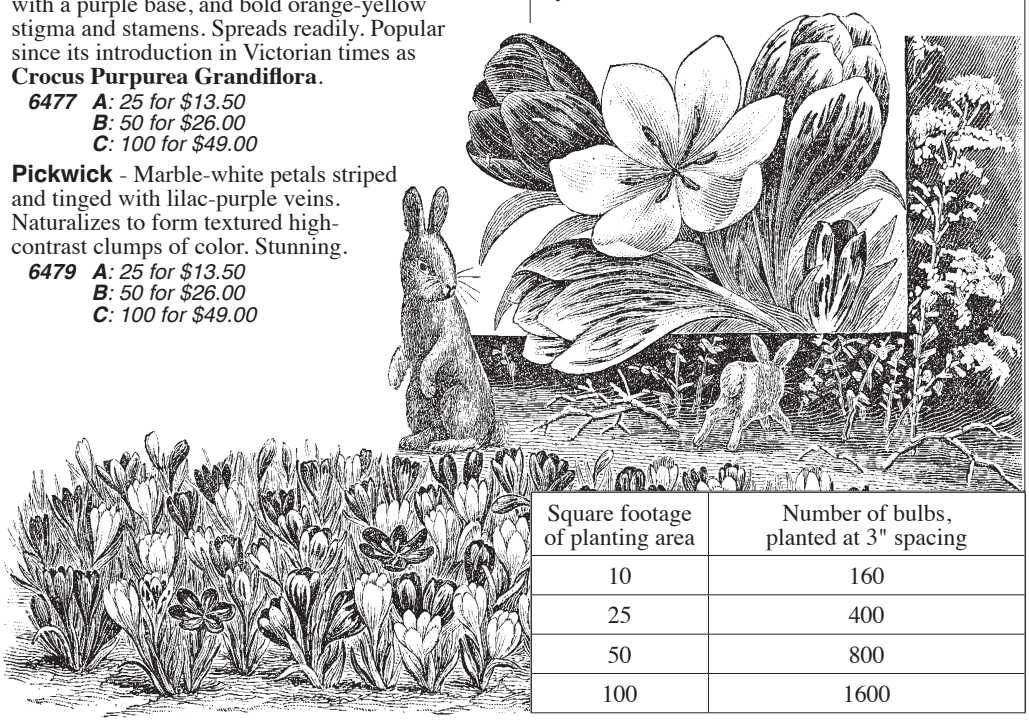
For your stinzenplanten to thrive, don't mow the area until the flowers and foliage have died back naturally, about five weeks after blooming. The bulbs must complete their life cycles and photosynthesize so they can bloom the next year.

Recommended for Stinzenplanten

Very Early Spring: Species Crocus Mix, Jumbo Crocus Mix, Dorothy Crocus, Ruby Giant Crocus, Garden Snowdrop, Winter Aconite, Dwarf Iris

Early Spring: Chionodoxa and Squill

Mid to Late Spring: English Bluebell, Grape Hyacinth and Guinea-Hen Flower

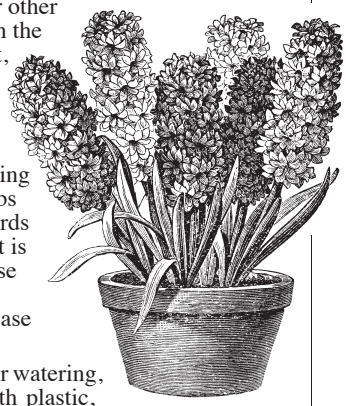


Square footage of planting area	Number of bulbs, planted at 3" spacing
10	160
25	400
50	800
100	1600

Forcing Bulbs for Indoor Winter Blooms

While paperwhites and amaryllis (pages 47-48) arrive ready to grow, all other bulbs must be chilled before planting indoors for winter blooms. This cooling process, called "forcing," mimics winter dormancy and coaxes the bulbs to bloom indoors.

Planting: Choose a pot or bowl shallow and wide enough to hold several bulbs. Place a layer of stones or other coarse material in the bottom of the pot, set the bulbs in roots down, then fill the container with fine stones, sand or light potting mix until the bulbs are about two-thirds covered. Soil that is too rich may cause the bulbs to rot. Water up to the base of the bulbs.



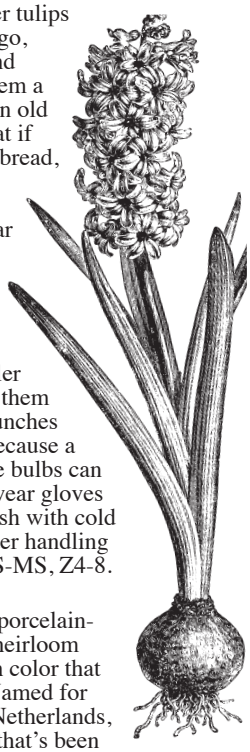
Cooling: After watering, cover the pot with plastic, punch a few holes for air circulation, and place in a dark place at 35–40˚, like a garage, unheated basement, or root cellar. If you must put them in your fridge, keep them away from fruit! You can also put them outdoors, covered with 6–8" of mulch. Do not let them freeze or heat up.

Blooming: When leaf tips begin to emerge, set your pot in a cool place with plenty of indirect light. Do not place near a heat source; 50–65˚ is perfect. Keep the soil moist, but do not overwater.

When 3–5" of leaf growth has appeared, bring the pots into direct light to encourage flowering. Once blooms have appeared, remove pots from direct sun to keep blooms from fading quickly.

Springtime: Save the bulbs and plant them in the garden in spring, or let them go dormant in their pots and plant them in fall. They will not force well a second time.

Hyacinth *Hyacinthus orientalis*



More popular than either tulips or daffodils 140 years ago, their heady fragrance and range of colors make them a favorite in the spring. An old Persian proverb says that if you have two loaves of bread, you should sell one in order to buy hyacinths.

For best showing year after year, plant bulbs deep in rich well-drained soil in full sun and fertilize each fall. After the first year, the florets are slightly smaller and not as dense. Grow them in the border in close bunches or meandering drifts. Because a natural compound in the bulbs can cause "hyacinth itch," wear gloves during planting, and wash with cold water and plain soap after handling the bulbs. 8–12" tall. ES-MS, Z4-8. 15-16cm bulbs.

Delft Blue - Rich soft porcelain-blue florets. This 1944 heirloom has that classic hyacinth color that goes with everything. Named for the city of Delft in the Netherlands, where there's a factory that's been making blue porcelainware for more than 350 years. Excellent for forcing indoors and very fragrant.

6505 ***A****: 3 for $6.00* ***B****: 12 for $21.00* ***C****: 48 for $75.00*

Pink Pearl - A 1922 heirloom with rose pink florets and pale pink edges. Very fragrant and great for forcing.

6511 ***A****: 3 for $7.50* ***B****: 12 for $23.00* ***C****: 48 for $78.00*

Hyacinth Mix - A medley of hyacinth hues—pink, purple, blue, red, white and peach.

6509 ***A****: 6 bulbs for $11.50* ***B****: 24 bulbs for $38.00* ***C****: 96 bulbs for $135.00*

Guide to Forcing Bulbs Indoors

Bulb Genus	weeks of cooling (35–40˚)	weeks of indirect light (50–65˚)
Anemone, Crocus, Chionodoxa, Galanthus, Leucojum, Scilla	8–12	1–3
Iris reticulata, Muscari, short Narcissus	10–14	2–3
Hyacinthus, tall Narcissus, Tulipa	12–16	2–4

Dwarf Iris

Smaller delights, blooming very early spring, bursting into color in the lawn, border or rock garden. Robust and hardy, spreading easily once established. Also good for forcing. Best in full sun and well-drained soil. Short leaves at flowering, later grow to 10–12". Plant 4" deep and 1" apart for maximum color splash.

Iris danfordiae - An 1876 heirloom with canary yellow flowers and faint green speckles borne on a slender grey-green stem. Best when planted en masse. This low-growing iris thrives best in full sun with well-drained soils but is also well-suited to indoor forcing. 4–6" tall. ES, Z5-9. 6cm.

6515 ***A****: 10 for $8.00* ***B****: 50 for $32.00*
C*: 200 for $110.00*

Katharine Hodgkin - *I. histrioides* - Light blue standards with royal blue to purple striping. Pale lavender-streaked falls are highlighted by a yellow crest splashed with deep purple spots. Unusual, beautiful color combination. Flowers 3" across. 3–5" tall. ES, Z4-9. 6cm/up.

6517 ***A****: 10 for $8.00* ***B****: 50 for $32.00*
C*: 200 for $110.00*

Harmony - *I. reticulata* - Velvety royal purple-blue falls with a yellow crest, and lavender-blue standards. Fragrant, long-lasting. 3–5" tall. VE-ES, Z4-9. 6cm/up.

6519 ***A****: 10 for $6.50* ***B****: 50 for $31.00*
C*: 200 for $98.00*

Dwarf Iris Mix - Four or more mini varieties from *I. danfordiae* and *I. reticulata*; a mix of colorful early spring standouts. 3–6" tall. 5cm/up.

6523 ***A****: 20 bulbs for $11.50*
B*: 100 bulbs for $45.00*
C*: 400 bulbs for $149.00*

Interplanting with Dwarf Irises

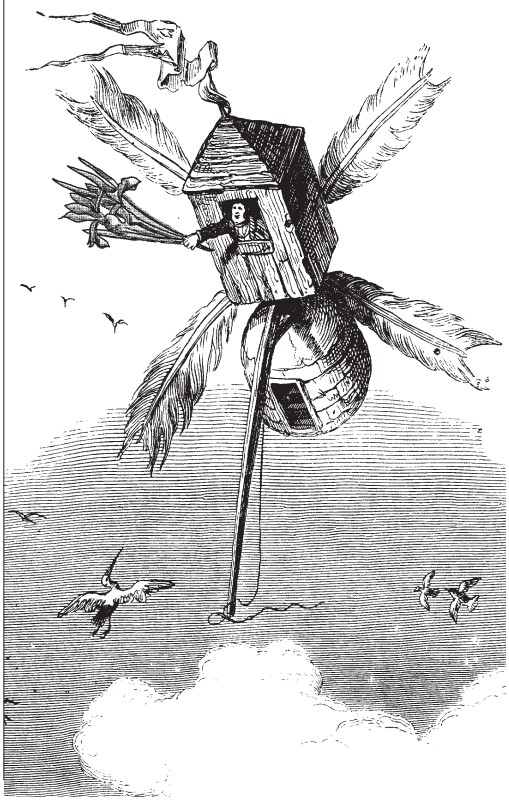
Dwarf irises bloom very early, around the time of crocuses. It's surprising how little-known these miniature blooms are! They fit in everywhere. Plant under shade trees and among creeping thyme. Actually, plant them anywhere with well-drained soil. Visitors to your garden will inevitably exclaim, What are those!? when they first encounter these little charmers.

Dutch Iris *Iris* x *hollandica*

Taller than dwarf iris, Dutch iris are a complex cross of *Iris xiphium*, *I. tingitana*, and *I. latifolia*.

Dutch Iris Mix - Among the best cutflowers, with elegant airy blooms on stiff stems; cut when buds are plump. Lovely clumped in the border. Blue, white, ivory, yellow, mauve, violet and more. 16–24" tall. LS-ESu, Z5-8. 8-9cm.

6521 ***A****: 20 bulbs for $11.50*
B*: 100 bulbs for $45.00*
C*: 400 bulbs for $149.00*



Iris is the name of the Greek goddess of the Rainbow and of this large genus of beautiful flowers in a range of sizes and a rainbow of colors. Growing from bulbs or fleshy rhizomatous roots, irises are superb for cutting and borders. For all iris, "standards" are the three erect petals; "falls" are the three pendent, reflexed or spreading petals. The blaze of contrasting color is the "crest," "blotch" or "signal."

Most irises prefer sun or dappled shade with moderately fertile well-drained soil. All bulbous irises on this page prefer dry soils when dormant in summer.

Narcissus

Narcissus, also known as daffodils, return year after year as long as the soil is well drained and the foliage is allowed to die back naturally every season. Deer and other critters are unlikely to eat them, as they are toxic to animals and people. Cheerful and reliable for beds, borders, cutflowers, forcing, and naturalizing.

Narcissus thrive in full sun and some (where noted in descriptions) do well in dappled shade. Pink, orange and red varieties hold their color longest with dappled shade or during cool wet springs. In a dry season, water late varieties in midspring to ensure bloom. Hardy in Zones 3-8, except where noted. 12-14cm bulb size, unless specified.

Narcissus at a Glance

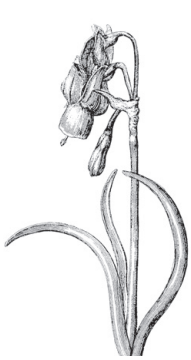
Class	Variety	Petal Color	Cup Color	Bloom Time	Natural-izing	Fragrant	Indoor Forcing
Trumpet	British Gamble	White	Peach	Mid	x	xx	
	Dutch Master	Yellow	Yellow	Early-Mid	x		x
	Mt. Hood	White	White	Mid	x		
Large Cup	Accent	White	Coral	Mid	x		x
	Carlton	Yellow	Yellow	Early-Mid	x	x	
	Coral Light	White	Yellow to Coral-Pink	Late	x		
	Flower Record	White	Yellow to Red-Orange	Early	x	x	x
	Night Cap	White	Yellow to Coral-Pink	Late	x		
	Salome	White	Peach to Gold	Early	x		x
	Snowboard	White	White	Mid	x	x	
	Tom Pouce	Pale Yellow	Peach	Mid	x	x	
Small Cup	Altruist	Gold	Red-Orange	Late	x	x	
	Geranium	White	Orange	Early-Mid	x	xx	x
Double	Art Design	Cream	Yellow-Cream	Mid		x	
	Bridal Crown	White	Yellow-Orange	Early		x	x
	Delnashaugh	White	Apricot / White	Late			
	Ice King	White	Lemon Yellow	Mid			
	Obdam	Cream	Cream	Late		x	
	Replete	White	Coral-Pink	Mid		x	
	Sir Winston Church.	White	Yellow-Orange	Late		xx	
	Tahiti	Yellow	Red-Orange	Mid		x	
	White Lion	Ivory	Pale Yellow	Late		x	
	Yellow Cheerful.	Pale Yellow	Soft Orange	Late		x	
Triandrus	Thalia	White	White	Late	x	x	x

Trumpet

Large Cup

Small Cup

Double



Triandrus

Daffodils, Jonquils or Narcissi? Yes!
Confused by the different terms used to describe these familiar flowers? They are all in the genus *Narcissus*, so calling them that is perfectly fine, just as we say *Crocus* or *Iris*.

Narcissus, Narcissuses and Narcissi are all acceptable as the plural, so use the one you like.

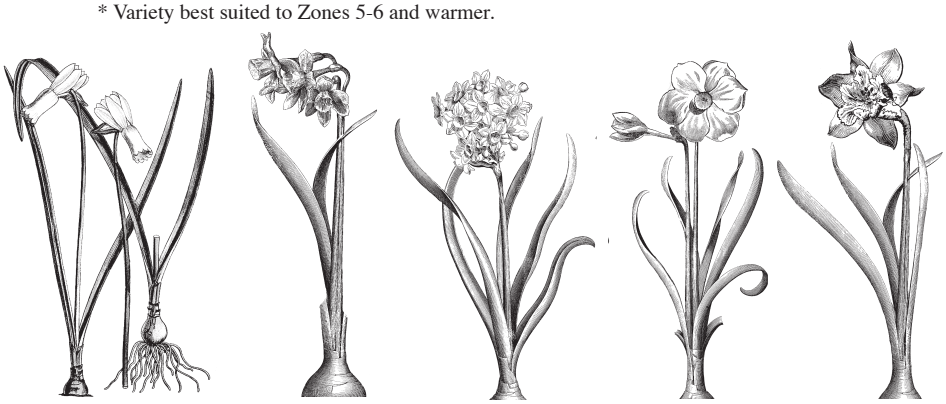
'Daffodil' was first used in Wales and England to refer to certain wild forms. It is now used to refer either specifically to the Trumpet class, or generally to mean any type of Narcissus.

'Jonquil' is also used to refer generally to any type of Narcissus, especially in the South where jonquils thrive. Horticulturists use it to refer to the wild *Narcissus jonquilla* and its progeny, the Jonquilla class of cultivars.

More Narcissus at a Glance

Class	Variety	Petal Color	Cup Color	Bloom Time	Natural-izing	Fragrant	Indoor Forcing
Cyclamineus	Jetfire (Mini)	Yellow	Orange	Early	x	x	x
Jonquilla	Beautiful Eyes*	White/Yellow	Orange	Mid-Late	x	x	x
	Cosmopolitan*	White	Pale Yellow to Peach	Mid	x	xx	x
	Pueblo*	White	Pale Yellow	Late	x	xx	x
	Sailboat*	White	Cream	Mid-Late	x	x	x
	Sun Disc (Mini)*	Cream	Yellow	Mid-Late	x	x	x
	Yazz*	Cream	Yellow to Peach	Late	x	xx	x
Tazetta	Avalanche*	White	Yellow	Early-Mid	x	xx	x
	Martinette*	Yellow	Orange	Mid	x	xx	x
	Minnow (Mini)*	White	Yellow	Mid	x	x	x
Poeticus	Actaea	White	Yellow to Red	Mid	x	x	
Split Cup	Apricot Whirl	White	Peach-Pink	Mid		x	
	Cum Laude	White	Yellow to Peach	Mid			
	Lemon Beauty	White	Yellow to White	Late			
	Love Call	White	Yellow-Orange	Mid			
	Sorbet	White	Yellow-Orange	Mid			

* Variety best suited to Zones 5-6 and warmer.



Cyclamineus **Jonquilla** **Tazetta** **Poeticus** **Split Cup**

Fedco-Exclusive Narcissus Collections

We've carefully curated these Fedco-exclusive collections to showcase the diversity and beauty of Narcissus. Whether you're a seasoned gardener or an aspiring enthusiast, our collections invite you to explore the timeless allure of Narcissus and create your own masterpiece in the garden.

Collections include 10 bulbs of each variety, **bagged separately and labeled** so you can mix and match to your own liking. You'll find descriptions for all collection components in the following pages. If a variety in a collection becomes unavailable, we'll substitute a similarly wonderful variety.

Fedco's Early Doubles Collection

A gorgeous selection of popular early blooming Narcissus with elaborate ruffles. 10 bulbs each of Bridal Crown, Ice King and Replete. ES-MS.

***6624 A**: one collection, 30 bulbs for $42.50*

Fedco's Late Doubles Collection

Much like the Early Doubles Collection, but selected to bloom later in the season. Bring on the ruffled edges! 10 bulbs each of Obdam, Delnashaugh and White Lion. MS-LS.

***6627 A**: one collection, 30 bulbs for $42.50*

Fedco's Early Fragrant Collection

Give your nose the gift of Narcissus with this intoxicating selection of highly fragrant early season blooms. 10 bulbs each of Bridal Crown, Flower Record and Geranium. ES-MS.

***6625 A**: one collection, 30 bulbs for $40.50*

Fedco's Late Fragrant Collection

Same idea as our Early Fragrant Collection, but selected to bloom later in the season. 10 bulbs each of Sir Winston Churchill, White Lion and Yazz. MS-LS.

***6626 A**: one collection, 30 bulbs for $42.50*

Fedco's Peach Fuzz Collection

Named in honor of the 2024 Pantone Color of the Year, this selection features three varieties with soft peachy cups. 10 bulbs each of British Gamble, Cosmopolitan and Salome. ES-MS.

***6628 A**: one collection, 30 bulbs for $42.50*

Fedco's Mellow Yellows Collection

A jolly trio, all with bright white petals, and each with a different variation on the yellow cup. 10 bulbs each of Ice King, Lemon Beauty and White Lion. MS-LS.

***6629 A**: one collection, 30 bulbs for $43.50*

In a Collection, varieties are individually labeled.
In a Mix, varieties are jumbled together.

Narcissus Mixes

These cheerful mixes are designed for long-lasting mass plantings to produce beautiful blooms all season long. Each mix contains at least five varieties in various classes for creating beautiful landscapes and flower arrangements. For full coverage, plant 12 bulbs per square foot.

All-Spring Mix For big plantings where you want an extended bloom time, go with this superb mix of early, midseason and late varieties. Yellow, white, cream, orange; solids, bi-colors and bi-colored cups. Sizes and shapes to feed your every need, in the garden or in the vase. Previously called the **Ninety Days of Narcissus Mix**. 14–20" tall. ES-LS, Z3-7.

***6618** **A**: 25 for $28.00 **B**: 50 for $45.00 **C**: 100 for $85.00 **D**: 200 for $165.00*

Amsterdam Mix Brighten up your spring landscape with this balanced mix of **yellows** from several Narcissus classes. Contains several strong yellow varieties that bloom sequentially. ES-MS.

***6619** **A**: 25 for $26.00 **B**: 50 for $39.00 **C**: 100 for $81.00 **D**: 200 for $145.00*

Holland Mix An elegant mix of **white** Narcissus that brings a level of sophistication to flower arrangements and landscapes. Pairs well with early season dark purple or red tulips. ES-MS.

***6620** **A**: 25 for $28.00 **B**: 50 for $45.00 **C**: 100 for $85.00 **D**: 200 for $165.00*

Rotterdam Mix A soft blend of Narcissus, with cups in shades of **coral, salmon, apricot and peach**. Pairs beautifully with early season pink tulips. ES-MS.

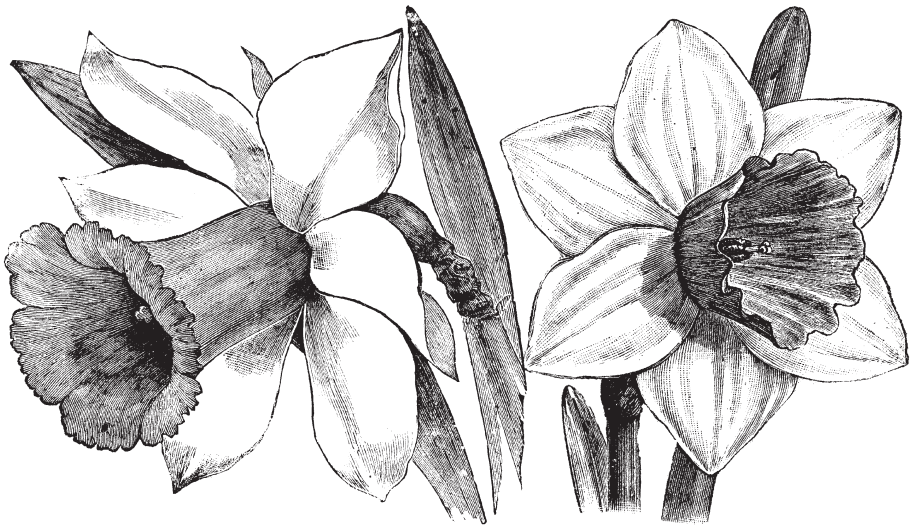
***6623** **A**: 25 for $31.00 **B**: 50 for $49.00 **C**: 100 for $89.00 **D**: 200 for $176.00*

Large-Flowering Mix Includes multiple classes of long-stemmed Narcissus in a wide range of colors. A favorite of landscape professionals for mass plantings. ES-MS.

***6621** **A**: 25 for $26.00 **B**: 50 for $39.00 **C**: 100 for $81.00 **D**: 200 for $145.00*

Miniatures Mix Sometimes known as **Botanicals**, miniature Narcissus come in many shapes and sizes, and span a number of classes. A great choice for low-borders, containers, rock gardens, or throughout your lawn! 8–14" tall. ES-MS. Z4-9.

***6622** **A**: 25 for $26.00 **B**: 50 for $39.00 **C**: 100 for $81.00 **D**: 200 for $145.00*



Trumpet Narcissus

The classic daffodil. The large trumpet-shaped cup is as long or longer than the petals. Great for naturalizing in gardens, meadows and woodland borders. Long vase life makes them a great cutflower. One flower per stem.

British Gamble - Large 4–5" bloom with a star of crisp white petals around an oversized ruffled peach trumpet. Fragrant, with strong stems; perfect for wedding work, vases or flower borders. 16–20" tall. MS.

6613 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Dutch Master - Large yellow petals and a straight yellow cup with a flared and notched rim. This 1938 introduction is an improved version of the popular King Alfred variety, with a taller habit, longer bloom time, and greater flower production. Blooms for nearly three weeks even in a cool wet Maine spring. 18–20" tall. ES-MS. 16cm/up.

6615 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Mt. Hood - Opens marble white to slightly pale yellow, and turns to pure white in a day or two. Broadly overlapping petals and a wide-mouthed wavy-edged trumpet. From 1938, this classic Trumpet is one of the finest white daffodils around. 16–18" tall. MS, Z3-6. 14-16cm.

6617 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

View color photos online.

Large-Cup Narcissus

The showy oversized cup is between one-third and the full length of the petals and adds a pop of color to gardens and flower arrangements. Strong flowers and stems can withstand wind and weather—ideal for mass plantings. One flower per stem.

Accent - Classic 1960s American intro features a 4" upward-facing flower with crisp white petals and a soft coral cup. It holds up well in sunlight, but as with all pink Narcissi, it develops its best pink coloration with filtered light. Vigorous grower; good for indoor forcing. 16–18" tall. MS, Z3-7.

6577 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Carlton - Yellow petals back a deeper golden-yellow cup nearly long enough to be a Trumpet. This heirloom is said to be the world's most planted narcissus. Multiplies rapidly, filling the air with light vanilla fragrance. 18–20" tall. ES-MS. 14-16cm.

6579 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Coral Light - Truly stunning with 4" overlapping white petals and a showy bowl-shaped cup with a yellow center and ruffled coral-pink rim. The cup fades to pale yellow and almost peach for an antique look. Long stems make them excellent in a vase. 18–20" tall. LS. **NEW!** to the paper catalog.

6478 ***A****: 10 for $18.50* ***B****: 20 for $36.00*
C*: 50 for $79.00* ***D****: 100 for $156.00*

Flower Record - Showy lightly fragrant flowers with a great contrast between pure white petals and the slightly ruffled yellow cup with a glowing red-orange rim. This 1940s heirloom is both a terrific naturalizer and great for indoor forcing. 16–18" tall. ES, Z3-7.

6581 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

more Large Cups, next page.

Large Cups, continued.

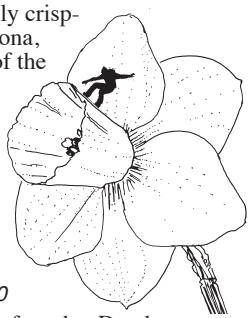
Night Cap - Delicate overlapping white petals surround a shallow bowl-shaped cup with a yellow center that fades to an eye-catching coral pink at the edge. As with other pink narcissus, Night Cap will benefit from filtered sunlight to develop full color. 14–16" tall. LS, Z3-7. **NEW!** to the paper catalog.

6582 ***A****: 10 for $19.50* ***B****: 20 for $37.00*
C*: 50 for $89.00* ***D****: 100 for $168.00*

Salome - Slightly star-shaped 3 1/2" bloom with thin white petals and a large peach cup with a gold rim. The cup opens yellow, but will turn peachy-pink in a day or two. Long stems and large flower size make this an excellent cutflower and a good choice for borders. This award-winner is a good naturalizer and is also suited to indoor forcing. 16–18" tall. ES, Z3-7. 14/16cm.

6583 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

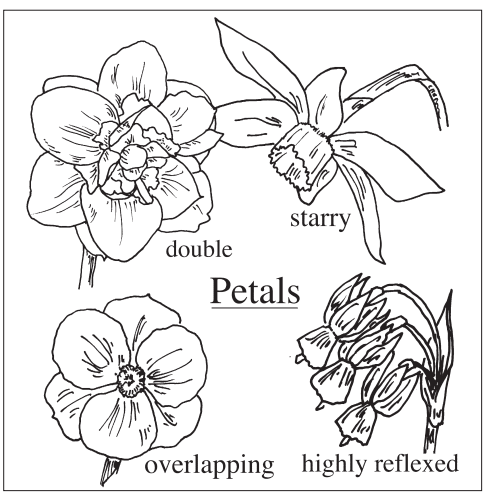
Snowboard Uncommonly crisp-white outer petals and corona, emerging like a memory of the snowy winter just passed. All white except for a faint yellow-green stigma and eye. Superb cutflower. 19–24" tall. MS, Z3–7. **NEW!**



6584 ***A****: 10 for $18.00*
B*: 20 for $34.00*
C*: 50 for $79.00*
D*: 100 for $155.00*

Tom Pouce - Named after the Dutch pastry *tompouce*, this narcissus is a real treat with its yummy color combination of pale yellow pointed petals around a soft peach cup. Lovely cutflower. 16–18" tall. MS, Z3–7. **NEW!** to the paper catalog.

6580 ***A****: 10 for $18.00* ***B****: 20 for $34.00*
C*: 50 for $79.00* ***D****: 100 for $155.00*



Small-Cup Narcissus

The daintiness of the cup, less than one-third the length of the petals, allows the petals to really shine. Perfect for creating charming naturalistic displays.

Altruist - Eye-catching red-orange shallow cup and unusual gold-tinted petals. The appealing color combination opens dark and gradually lightens. 1975 Award of Merit winner. 12–18" tall. LS. 14-16cm.

6591 ***A****: 10 for $13.50*
B*: 20 for $24.00*
C*: 50 for $42.00*
D*: 100 for $79.00*

Geranium - Multi-flowered, each stem is loaded with clusters of ivory white petals that surround slightly ribbed and bowl-shaped bright yellow-orange cups. Highly fragrant, plant it where you'll enjoy the superb fragrance. An heirloom and award-winning variety perfect for arrangements and for forcing. 16–18" tall. ES-MS, Z4-9.

6593 ***A****: 10 for $13.50*
B*: 20 for $24.00*
C*: 50 for $42.00*
D*: 100 for $79.00*

Double Narcissus

Doubling of the petals, cup, or both, creates a ruffled appearance. Can be a single flower per stem or multiples. One of the most fragrant classes.

Art Design - Fragrant large upward-facing blooms with pale yellow outer petals encircling layer upon layer of ruffled yellow inner petals that fade to cream at the tips. A firm favorite for bouquets due to its buttery colors, gorgeous scent and unusual form. 14–18" tall. MS.

6549 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Bridal Crown - One of the earliest-blooming Doubles, each stem of this intoxicatingly fragrant variety produces 3–6 blooms. Refined white petals surround a frilly yellow cup with orange segments. Well suited to forcing. 14–16" tall. ES.

6551 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Delnashaugh - Unusual 4" double blooms with rounded creamy white petals surrounding a center swirl with short ruffled apricot segments. Star-shaped pointed white segments divide the apricot center creating a very full effect reminiscent of water lilies. The flowers are long-lasting on sturdy stems adding to their appeal in the garden or vase. 16–18" tall. LS.

6553 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Ice King - White petals surround a pleated pale yellow collar filled with a burst of lemony yellow center petals. A real show-off in the garden and perfect for spring bouquets. 14–16" tall. MS.

6555 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Obdam - One of the finest of the doubles and a Fedco favorite, named for a town in the province of Noord-Holland. Showy 3–4" flower opens creamy with yellow highlights, maturing to pure white. Growing this fragrant beauty is like having gardenia blooms in Maine in May. 16–18" tall. LS.

6557 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Replete - Bright white 4" flower replete with a frilly deep coral-pink center interlaced with slender white "flyer" petals. This American-bred variety released in 1975 is truly outstanding. 15–18" tall. MS.

6559 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Sir Winston Churchill - Double flowers up to 3" across are full of creamy white petals interspersed with yellow-orange flecks. Very fragrant blossoms come 3–5 per stem. Long life in the garden or vase. A sport of Geranium. 14–16" tall. LS.

6561 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Tahiti - Rich golden-yellow doubled flowers layered with red-orange segments. Large long-lasting blooms with stand-out color and fragrance come as close to tropical exuberance as you'll find in a New England spring. Bred in Ireland in 1956, Tahiti is a classic worldwide. 14–18" tall. MS. 14-16cm.

6563 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

White Lion - On long stems, big fluffy blooms with ivory white petals surrounding pale yellow center ruffles. A strong and reliable performer with a scent similar to gardenias. This heirloom was introduced in the 1940s and is still a favorite. 16–18" tall. LS.

6565 ***A****: 10 for $14.50* ***B****: 20 for $27.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

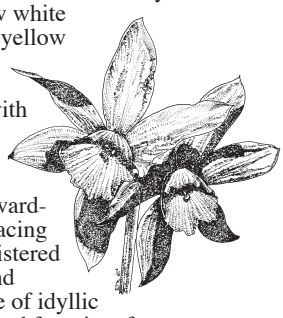
Yellow Cheerfulness - Double flowers, 3/4–1" across, 2–4 per stem, offer their sublime scent. Soft yellow rounded overlapping petals, with a loose ball of corona petals, slightly tucking inward, with subtle flecks of soft orange. This sport of Cheerfulness won its first of many awards in 1937. 14–18" tall. LS.

6567 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Triandrus Narcissus

The cup points downward like a bell, with petals slightly reflexed to appear swept back. Usually two or more blooms per stem.

Thalia - Lightly fragrant flowers are milky white throughout; one of the few white narcissus to open with no yellow tones. Delicate narrow slightly reflexed petals and a lightly ribbed cup with a wavy rim. 2–3 flowers per stem, and slender foliage. Nicknamed "the Orchid Narcissus," this award-winner is more outward-facing than other Triandrus. Registered in Holland before 1916 and named for the Greek muse of idyllic poetry, Thalia is a long-lived favorite of many gardeners. Excellent for forcing. 12–16" tall. LS.

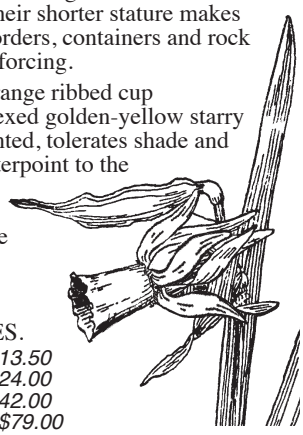


6611 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Cyclamineus Narcissus

Petals appear significantly windswept backwards with flower at an acute angle to the stem. One flower per stem. Their shorter stature makes them perfect for borders, containers and rock gardens. Great for forcing.

Jetfire - Bright-orange ribbed cup surrounded by reflexed golden-yellow starry petals. Lightly scented, tolerates shade and makes a nice counterpoint to the large Trumpets blooming at the same time. This fire really lights up the garden, and should brighten a place in yours. 6–10" tall. ES.



6547 ***A****: 10 for $13.50*
B*: 20 for $24.00*
C*: 50 for $42.00*
D*: 100 for $79.00*

Jonquilla Narcissus

The cup is funnel-shaped or flared, usually wider than the length. One to five blooms per stem, sometimes more. Flowers are usually fragrant. Includes both standard and miniature varieties. Great for forcing indoors. *Some varieties in this class are not suited for northern growers—check hardiness zone before you order.*

Beautiful Eyes - Get lost in the gaze of creamy yellow outer petals that soften to ivory white but hold a splash of yellow near the center. Vibrant tangerine throat. Wonderfully fragrant, with 2–3 blooms per stem. 12–16" tall. MS-LS, Z5-8. **NEW!**

6568 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Cosmopolitan - White petals surround a long ribbed pastel-peach cup with a pale yellow throat. This 2016 Dutch intro has taken the gardening world by storm with its romantic tricolor palette, multi-flowering habit and intoxicating fragrance. Bears 3–4 blooms per stem and is an excellent naturalizer. 12–16" tall. MS, Z5-9.

6569 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

Orchard Companions

We've observed year after year that the most disease-free and thriving gardens and orchards are ones planted diversely. Bring in the good bugs, the birds and the moths with an assortment of blossoms from perennials, annuals and bulbs across the growing seasons.

Daffodils are a favorite in the orchard. Not only do they blooms around the same time as many fruit trees, attracting pollinators from far and wide, they also deter mice and voles from girdling fruit tree trunks. Deer avoid them, too. Plant Narcissus bulbs tightly—bulb to bulb—in a ring about 12" from tree trunks, like little flower fortresses around your precious fruit trees.

Other orchard companions we love are **perennials** like comfrey, yarrow, mint, columbine, hyssop, Baptisia, cranesbill and daisies. (Many of these are available in our Trees catalog and on our website.)

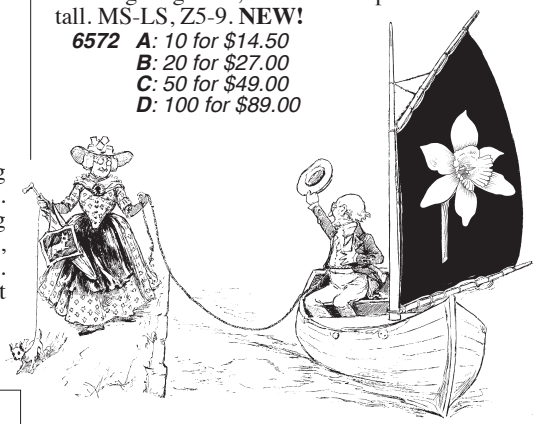
Sowing a mixture of **grasses, legumes and flowering cover crops** in the orchard fills in the gaps between trees and perennials. We recommend our CR Lawn Mix, Flowering Lawn Mix, or Dutch White Clover (found in our Seeds and Supplies catalog and on the web). These further diversify the orchard, feed the soil and draw in pollinators.

Pueblo - Exquisite 3" star-shaped flower has white petals encircling a pale yellow cup. This long-flowering *jonquilla* produces 1–3 pleasantly fragrant blooms on each sturdy stem. A good choice for forcing and as a cutflower. 12–14" tall. LS, Z5-9.

6571 ***A****: 10 for $13.50*
B*: 20 for $24.00*
C*: 50 for $42.00*
D*: 100 for $79.00*

Sailboat - Whimsical and modern, with dainty white outer petals and slightly ruffled lemon-meringue centers. Especially beautiful interplanted with blue- and purple-blooming spring bulbs. Enchanting fragrance; 2–3 blooms per stem. 7–12" tall. MS-LS, Z5-9. **NEW!**

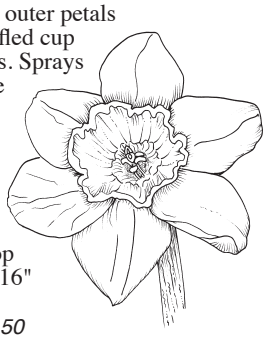
6572 ***A****: 10 for $14.50*
B*: 20 for $27.00*
C*: 50 for $49.00*
D*: 100 for $89.00*



Sun Disc - Award-winning fragrant miniature has 1–3 flowers per stem. Rounded overlapping petals open just slightly paler yellow than the cup, and slowly mature to a Jersey cream. Wide disc-shaped buttercup-yellow cup is lightly ribbed and lightly frilled. At 6–8" tall, just right for pots or the front of the border. MS-LS, Z5-9. 10-12cm.

6573 ***A****: 10 for $13.50* ***B****: 20 for $24.00*
C*: 50 for $42.00* ***D****: 100 for $79.00*

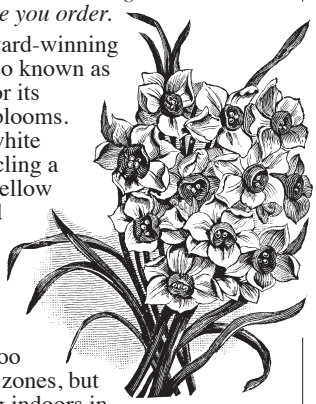
Yazz - Creamy white outer petals surround a yellow ruffled cup with peach-pink edges. Sprays of fragrant flowers are borne on tall stems. A great choice for arranging. As with all jonquils, it performs well in warmer climates, but its best pink color will develop in cooler springs. 12–16" tall. LS, Z5-9.



6575 ***A****: 10 for $13.50*
B*: 20 for $24.00*
C*: 50 for $42.00*
D*: 100 for $79.00*

Tazetta Narcissus

The petals spread out straight. Three to 20 blooms on strong broad stems. Flowers are usually fragrant. Includes both standard and miniature varieties. Great for forcing. *Some varieties in this class are not suited for northern growers—check hardiness zone before you order.*



Avalanche - An award-winning heirloom daffodil also known as **Seventeen Sisters** for its sheer abundance of blooms. Each 1" flower has white reflexed petals encircling a small bowl-shaped yellow cup. Sweetly scented blooms are darling in bouquets or in the front border. Ideal for warmer climates where it's a good naturalizer. Too tender for the colder zones, but well suited to forcing indoors in winter. 16–18" tall. ES-MS, Z6-9. 15/17cm.

6605 ***A**: 10 for $14.50* ***B**: 20 for $27.00*
***C**: 50 for $49.00* ***D**: 100 for $89.00*

Martinette - A carrot-orange short cup with a wavy rim, surrounded by bright yellow petals. Usually sends up multiple stems per bulb, with 4–5 highly fragrant blossoms per stem. 14–18" tall. MS, Z5-9.

6607 ***A**: 10 for $13.50* ***B**: 20 for $24.00*
***C**: 50 for $42.00* ***D**: 100 for $79.00*

Minnow - Small flowers with lemon-yellow cups and spreading petals that open white to pale yellow, depending on weather and season. Usually 3–10 flowers per stem, but can be up to 20. This diminutive Tazetta has a light sweet fragrance, nowhere near as strong as its cousins grown indoors, the paperwhites. Tolerates shade. 6–8" tall. ES-MS, Z5-9.

6609 ***A**: 10 for $13.50* ***B**: 20 for $24.00*
***C**: 50 for $42.00* ***D**: 100 for $79.00*

Poeticus Narcissus

Short disc-shaped cups are up to one-fifth the length of the petals, usually with green or yellow centers and red rims. Fragrant flowers, one per stem.

Actaea - Vigorous heirloom variety from before 1919. Medium-large blossom with sweet fragrance features a small yellow cup with a red rim, surrounded by rounded glistening white petals. Performs best in cool climates and tolerates damp places that other narcissus do not. Parent species *N. poeticus* was described by Virgil, and is the source of the narcissus oil used in perfumery. 16–18" tall. MS-LS.

6589 ***A**: 10 for $13.50* ***B**: 20 for $24.00*
***C**: 50 for $42.00* ***D**: 100 for $79.00*

Split-Cup Narcissus

The ruffled cups are split into multiple sections at least one-third the length of the petals. One flower per stem.

Apricot Whirl - Large fragrant blooms up to 4" across, with luminous white petals surrounding a ruffled split cup with richly colored and layered petals. Despite the name, the corona is more of a striking peachy-pink, rather than apricot. Flowers have an upward-facing presentation and unusual dense waxy appearance. 12–16" tall. MS, Z4-8. 14/16cm.

6595 ***A**: 10 for $15.50* ***B**: 20 for $29.00*
***C**: 50 for $56.00* ***D**: 100 for $99.00*

Cum Laude - Creamy white petals surround a peach and yellow cup with ruffled peach edges. Flowers are long-lasting and have an unusual orchid-like shape. Like other Split-Cup types it has an elegant charm distinct from most daffodils and adds variety and texture to arrangements and gardens. A vigorous and reliable performer. 14–18" tall. MS, Z4-8.

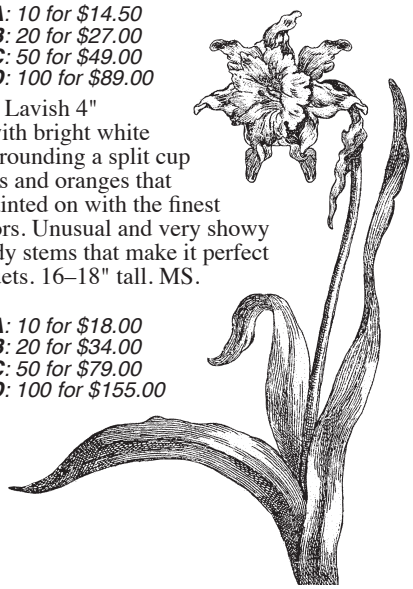
6597 ***A**: 10 for $14.50* ***B**: 20 for $27.00*
***C**: 50 for $49.00* ***D**: 100 for $89.00*

Lemon Beauty - Award-winning 4" flower featuring white petals set off by a split cup adorned with a bright yellow star on a white background. Big, showy and upward-facing on strong stems. 16–18" tall. LS.

6599 ***A**: 10 for $14.50* ***B**: 20 for $27.00*
***C**: 50 for $49.00* ***D**: 100 for $89.00*

Love Call - As eye-catching from afar as it is up close. White petals contrast perfectly with the vibrant ruffled yellow-orange cup. Pairs with trumpet and double daffodils for a fun meeting of colors and shapes. Tall stems and outward-facing flowers make this a good choice for cutflower arrangements. 14–16" tall. MS. 14/16cm.

6601 ***A**: 10 for $14.50*
***B**: 20 for $27.00*
***C**: 50 for $49.00*
***D**: 100 for $89.00*

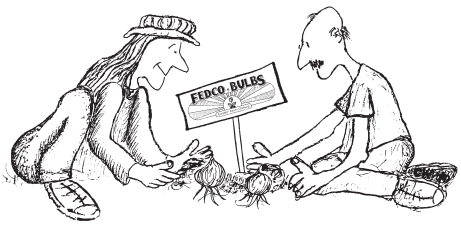


Sorbet - Lavish 4" blooms with bright white petals surrounding a split cup of yellows and oranges that appear painted on with the finest watercolors. Unusual and very showy with sturdy stems that make it perfect for bouquets. 16–18" tall. MS. 14/16cm.

6603 ***A**: 10 for $18.00*
***B**: 20 for $34.00*
***C**: 50 for $79.00*
***D**: 100 for $155.00*

Novelties & Specialties

The Royal General Bulbgrowers Association in Holland (KAVB) puts this large group of diverse flowers into a boring catch-all category: **Miscellaneous Bulbs**. The expensive catalogs call them *accent* bulbs; some call them *minor* or *dwarf* bulbs (even though some of the fritillaries are huge!); Louise Beebe Wilder covered most in her 1936 classic *Adventures with Hardy Bulbs*. Whatever you call them, most are sweet, colorful, and completely welcome in spring.



The Low Border Collection - Our playful selection includes more than 100 bulbs to brighten up your spring garden. See full description on page 12. Fedco exclusive collection!

***6469 A**: one collection, 120 bulbs for $73.75*

Anemone blanda - Grecian Windflower

Enchanting short daisy-like flowers with 10–15 petals surrounding bright yellow centers. Does well as a ground cover in light shade and under deciduous trees. Forms compact clusters, with fern-like leaves. To break dormancy, soak corms in tepid water for 8–12 hours before planting 2–3" deep. Wild in southeastern Europe and Turkey, in scrub meadows and rocky crevices. 3–6" tall. ES-MS, Z5-9. 5cm/up.

***Anemone blanda* Mix** - Lovely mix, in shades of blue, pink and white.

6451 ***A**: 20 for $5.50*
***B**: 100 for $26.00*
***C**: 400 for $92.00*

***Anemone blanda* Blue Shades Mix**

Rich mixed shades of blue and violet.

6453 ***A**: 10 for $5.00*
***B**: 50 for $16.50*
***C**: 200 for $58.00*

Included in each description:
- Height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
  - ESu: early summer
- USDA hardiness zones
- Bulb size

See bulb-planting instructions, pages 53-54.

Camassia leichtlinii - Camas Lily

Sometimes called **Indian Hyacinth**. The name *camas* comes from the Nez Perce word for 'sweet,' and this species is native to western North America. Spikes of delicate 6-petaled blossoms open sequentially from the bottom up above lush strappy foliage. Blooms after most spring flowers are gone but before early summer flowers peak. Deer and rodent resistant. Prefers moist well-drained fertile soil around ponds, in light woods, or in the garden, and has the potential to naturalize. Tolerates wet soil better than other Camassia species, but not standing water. Full to partial sun. LS-ESu, Z3-7. 14-16cm.

Caerulea - Silvery medium-blue 2" starry flowers bloom along strong upright racemes. Low maintenance and a great cutflower, especially paired with Alba (below). 24–32" tall.

6457 ***A**: 10 for $19.00* ***B**: 50 for $82.00*
***C**: 100 for $147.00*

Alba - Creamy-white–petaled mauve-anthered 2" star-shaped blossoms. This white selection of *C. leichtlinii* pairs perfectly with its blue counterpart and makes a graceful companion to flowering alliums. Holds up well in bouquets. 24–32" tall.

6459 ***A**: 10 for $19.00* ***B**: 50 for $82.00*
***C**: 100 for $147.00*

Chionodoxa - Glory-of-the-Snow

Starlike flowers with white centers, 3–10 per raceme. Does well in shady woodland gardens and short grass, as well as in full sun. Can eventually form vast colonies. From the Greek *chion* 'snow' and *doxa* 'glory'; pronounced kee-on-oh-*doks*-uh. In 2020, Chionodoxa was subsumed into Scilla. Native to woods and mountains of Crete, Cyprus and western Turkey. 4–8" tall. ES, Z3-8. 5cm/up.

Alba - *C. forbesii* - Long-lasting all-white flowers. A lovely complement to other varieties, or wonderful in a mini-vase.

6461 ***A****: 10 for $6.50*
B*: 20 for $12.00*
C*: 80 for $42.00*

Blue Giant - *C. f.* - Soft medium-blue petals, with white centers. Can spread to create a blue carpet for over two weeks in spring.

6463 ***A****: 10 for $6.50*
B*: 20 for $12.00*
C*: 80 for $42.00*

Pink Giant - *C. f.* Blush-pink petals with white centers.

6464 ***A****: 10 for $6.50*
B*: 20 for $12.00*
C*: 80 for $42.00*

Violet Beauty - *C. luciliae* Violet-pink petals with pale pink to white centers.

6465 ***A****: 10 for $6.50*
B*: 20 for $12.00*
C*: 80 for $42.00*

Fedco's Chionodoxa Collection - Plant a dreamy constellation of these long-lived snow- and critter-resistant stars, in shades of blue, pink, violet and white. Includes 10 bulbs each of the four varieties listed above, individually packaged and labeled, for a total of 40 bulbs.

6467 ***A****: one collection, 40 bulbs for $26.00*

Eranthis cilicica - Winter Aconite

Bright buttercup-yellow flowers each with a frilly green collar which opens bronzy. Very similar to *E. hyemalis* but slightly earlier, leaves less deeply dissected. Good naturalized under deciduous trees and shrubs, can spread by seed. Prefers slightly alkaline, humusy moist soil in sun or dappled shade. Tolerant of frosts and late snows. Soak corms 8–12 hours before planting. 2–4" tall. VE, Z5-7. 4cm/up.

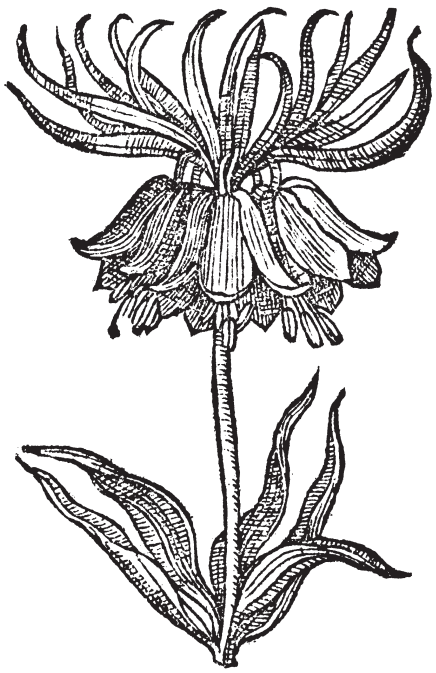
6495 ***A****: 10 for $6.50*
B*: 50 for $29.00*
C*: 200 for $96.00*

Fritillaria - Mission Bells

Bell-like flowers in a variety of colors and sizes, often with the subtle checkered pattern that gives rise to the name of the genus (*fritillus* is a dice-box, in Latin).

Guinea-Hen Flower - *F. meleagris* Checkered 1½" flowers in a mix of colors, mostly plum or bronze, with some lilac-pink or white. Delicate single bells hang on slender grey-green grasslike stems. Will spread in a well-drained sheltered spot; also suitable in borders, grassy or humusy areas. Also called **Checkered Lily** and **Snake's Head Fritillary**. Native to Europe where it grows all over in meadows and along streams. 10–14" tall. MS, Z3-8. 6cm/up.

6499 ***A****: 10 for $8.50*
B*: 50 for $28.00*
C*: 200 for $98.00*



Red Beauty - *F. imperialis* - Vibrant clusters of orange-red inverted bell-shaped flowers, 2–3" long, hang from a peculiar leafy crown atop a tall spike, hence this species' common name **Crown Imperial**. Large basal whorl of glossy leaves. Plant the bulb sideways to prevent crown rot. Long-lived if left undisturbed in a good planting site. Prefers full sun and rich well-drained soil high in organic matter—it's a heavy feeder. Critter resistant. In cultivation since 1500s, native from northern India to Iran. 26–32" tall. MS, Z3-7. 20cm.

6497 ***A****: 1 for $10.50* ***B****: 3 for $26.00*
C*: 12 for $92.00*

Galanthus - Snowdrops

Frosty white 3-petaled bells with a touch of emerald green on the shorter inner segments. Snowdrops are usually one of the first signs of life emerging from the melting snow, often before the crocuses. Delicate looking, but strong, very hardy and long-lasting, standing up to late snows, frosts and stiff spring winds. Grows particularly well under deciduous trees where exposure to the sun is full in early spring but gradually changes to part shade as the trees leaf out. Tolerates moist soil; a cool spot in a woodland garden is perfect. Can naturalize in border or lawn. Deer and rodent resistant. Grows wild in open woods from the Pyrenees to the Caucasus.

Both are great for naturalizing and for forcing indoors. Z3-8.

Galanthus elwesii - Taller than the common snowdrop with larger flowers and is earlier to emerge in spring helping to stretch out the snowdrop season. Large milky white nodding pendent blooms, with an emerald green marking on the inner petals. This award-winning 1874 heirloom is the best variety for naturalizing. 5–8" tall. VE. 6cm.

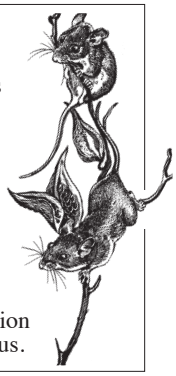
6501 ***A**: 10 for $10.50*
***B**: 50 for $39.00*
***C**: 200 for $149.00*

Galanthus nivalis - This is the classic white single petal **Common Snowdrop**. Often one of the first flowers here in central Maine, these are a well-known and delightful sign that spring really is on its way. 4–6" tall. VE. 5-6cm.

6503 ***A**: 10 for $8.50*
***B**: 50 for $32.00*
***C**: 200 for $99.00*

Bulb Genera Generally Unattractive to Critters

Allium	Hyacinthus
Camassia	Ipheion
Chionodoxa	Leucojum
Eranthis	Muscari
Fritillaria	Narcissus
Galanthus	Puschkinia
Hyacinthoides	Scilla



Nothing is guaranteed when the critters are starving. However, the most reliably resistant to depredation are Allium, Fritillaria and Narcissus.

Hyacinthoides non-scripta English Bluebells

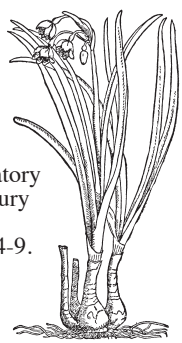
Flax-blue, sweetly scented flowers have 1/2–3/4" petals with curled-back tips. Graceful arching racemes with flowers on one side grow 4–8" above glossy green leaves. Similar to Scilla, but taller with larger flowers, and later to bloom. Self-seeds and forms new bulbs each year to replace old ones that shrivel. Some gardeners occasionally experience skin irritations on contact with flowers or foliage. Tolerates shade, moisture and a wide range of soils, and also do well in full sun. Native to western Europe and England, where bluebells bloom under deciduous trees not yet leafed out to form beautiful "bluebell woods." 12–18" tall. MS, Z5-8. 6cm/up.

6455 ***A**: 10 for $9.00* ***B**: 50 for $44.00*
***C**: 200 for $145.00*

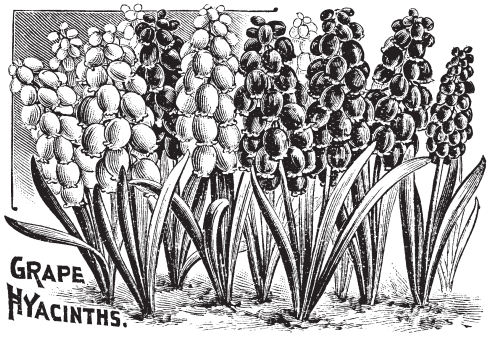
Ipheion uniflorum **- Spring Starflower Mix** Starry 1" flowers, strongly honey scented, in a mix of colors: pale blue, medium blue, yellow, bluish-white and violet. Several single-flowered stems arise from each critter-resistant tuber. Easy and attractive, performs best when slightly crowded. Grass-like leaves emerge in fall, make good edging, and smell like garlic only if crushed. Excellent in rock garden or front of the border, good in pots or naturalized in moist but well-drained soil, full sun to partial shade. Formerly named *Tritelia uniflora*. Native to Uruguay and Argentina. 4–6" tall. MS-LS, Z5-10. 3cm/up.

6513 ***A**: 20 for $8.50*
***B**: 100 for $32.00*
***C**: 400 for $115.00*

Leucojum aestivum **var. Gravetye Giant Summer Snowflake** Pure white bells with scalloped edges and green spots resemble Snowdrops, but the flowers are twice as big and bloom a month later, and the plant is three times as tall. Summer Snowflake has 5–9 faintly violet-scented flowers per stem, evoking giant lilies-of-the-valley. Blooms for several weeks. Will spread in a damp—but not wet—location; prefers heavy soil and bright light, but not direct sun. Plant bulbs promptly lest they dry out. Also called **Lodden Lily**. Species is native from Ireland to the Caucasus; Gravetye Manor was the home and laboratory of William Robinson, 19th-century botanist and author of *The Wild Garden*. 18–36" tall. MS-LS, Z4-9. 12-13cm.



6535 ***A**: 5 for $8.75*
***B**: 25 for $34.00*
***C**: 100 for $120.00*



Muscari - Grape Hyacinth

Distinctive pyramidal spikes of fragrant long-lasting densely packed bells, like upside-down grape clusters. Makes attractive borders, edging, or brightly colored filler between other bulbs. They thrive and increase except in damp or shady areas. Divide when dormant in summer. Do not cut their autumn leaves or they will lose vigor.

Pearls of Spain - *M. botryoides* - Sweetly perfumed pure white bells. Slender racemes show best when closely planted. 4–6" tall. MS, Z3-8. 5cm/up.

6537 ***A****: 20 for $11.00* ***B****: 100 for $46.00*
C*: 400 for $135.00*

Valerie Finnis - *M. armeniacum* - Racemes of pearly sky-blue fat florets naturalize well, slowly spreading their unusual color. 6–8" tall. MS, Z4-8. 8-9cm.

6539 ***A****: 20 for $11.00*
B*: 100 for $46.00*
C*: 400 for $135.00*

Muscari armeniacum - Bright cobalt-blue florets with subtle white rims; good for forcing, cutting, naturalizing and filling in the border. Fragrant. The most commonly grown Muscari and a great counterpoint to all the other spring bulb colors. Blooms at least two weeks, and three weeks for us in cool springs. 6–8" tall. MS, Z4-9. 8-9cm.

6541 ***A****: 20 for $11.00* ***B****: 100 for $46.00*
C*: 400 for $149.00*

Muscari latifolium - Tall, with a large dense bicolor flower; top third is deep sky-blue fading to lilac, the bottom is dark violet. Unusual single side-leaf. The earliest of all Muscari. 8–12" tall. ES-MS, Z2-6. 5/6cm.

6543 ***A****: 20 for $9.00* ***B****: 100 for $36.00*
C*: 400 for $99.00*

Muscari Bluezz Mix - A jazzy mix of Muscari varieties in blue shades and white. 4–12" tall. MS, Z4-6. 6-8cm.

6545 ***A****: 20 for $11.00* ***B****: 100 for $46.00*
C*: 400 for $149.00*

Puschkinia scilloides - Striped Squill

Compact racemes of white to pale blue flowers, each petal striped with darker blue. 4–10 open bells per stem. Plant in full sun or light shade as drifts, in borders, or under trees. Very hardy and easy to naturalize. For some it spreads slowly, others find it quickly forms colonies. Also called **Russian Snowdrop** and **Early Stardrift**. Native from the Caucasus to Lebanon, especially in grasslands near the snow line. 4–6" tall. ES, Z3-8. 5cm/up.

6645 ***A****: 10 for $5.00*
B*: 50 for $20.00*
C*: 200 for $65.00*

Scilla siberica - Siberian Squill

Loose clusters of delicate pendent bells with a very long bloom time. Prefers cool places, in short grass, under shrubs, deciduous trees or even the shady side of a cedar hedge. May be the most shade-tolerant bulb but also performs well in sun if the soil's not too dry. Amazingly hardy and an excellent naturalizer. Beloved by bees. 6–8" tall. ES, Z2-8.

Siberian Squill - Bright flax-blue bells. Very prolific, can form great drifts. Lightly scented. Watch the bees collect the blue pollen. 7-8cm.

6643 ***A****: 10 for $5.75* ***B****: 50 for $22.00*
C*: 200 for $78.00*

White Siberian Squill - Pure white. More gardeners should try this lovely white form. Beautiful for forcing. 8cm/up.

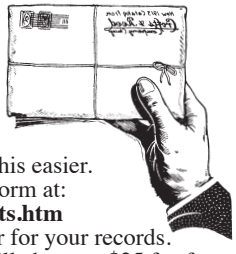
6641 ***A****: 10 for $5.00* ***B****: 50 for $20.00*
C*: 200 for $65.00*

Ordering Instructions

Order online at fedcoseeds.com

Or mail your order form with payment to:

Fedco Bulbs
PO Box 520
Clinton, ME 04927

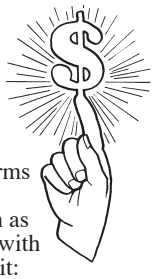


• Use the 2025 order form; submit as many pages as you need using our exact format. Print an order form from our website to make this easier. You can download a PDF form at:
fedcoseeds.com/requests.htm
• Keep a copy of your order for your records.
• If paying by check: we will charge a $25 fee for returned payments.
• **We do not take phone or fax orders.**

Bulk Pricing

Orders over $1,200 receive a 10% discount. Once you have ordered at least $1,200 in products from Fedco, you will receive bulk pricing for a 12-month rolling cycle. For more info, visit:
fedcoseeds.com/discounts

Group Orders



Team up with friends and neighbors to save on shipping and to reach the bulk pricing threshold. Group orders are processed as one order shipped to one address. To submit by mail, collect all order forms for your group, calculate the group totals onto an additional order form as your cover sheet, and send it all in with one payment. To submit online, visit:
fedcoseeds.com/groups.htm

Substitutions

Our bulbs and tubers are subject to seasonal availability. We strive to provide accurate information regarding stock levels, but availability may change due to factors beyond our control. If a specific product becomes unavailable, we may substitute it with a similar variety of the same or greater value, at no additional cost. All substitutions will be of similar color, form, class and seasonality.
See our guarantee on page 54.

Out of Stocks

All orders will be processed in the sequence they are received. If an item on your order becomes out of stock, and no reasonable substitution is available, we will issue you a refund.

Tax Exemption

Retailers and farms: We need a copy of your state resale certificate or farm exemption, otherwise we must collect sales tax.
• For mail orders, send us a photocopy of your certificate.
• For online orders, please email us at questions@fedcoseeds.com with a scan of your tax exemption certificate *before* placing your order.

Order by August 15, 2025
for best selection and priority shipment.

All orders after August 15 must be placed online.
No late paper order forms.

We fill orders in the sequence we receive them and, when possible, by growing zone (coldest areas first). If you want bulbs early, *please order early*.

Shipping & Rates

• We ship via FedEx or USPS Priority Mail. Please let us know if your location requires a specific carrier.
• Orders going to **Alaska, Hawaii, APO/FPO,** or a **PO Box** in any state *must* go Priority Mail. Please include a postal address.
• Sorry, no shipments outside the U.S.

Shipping Schedule

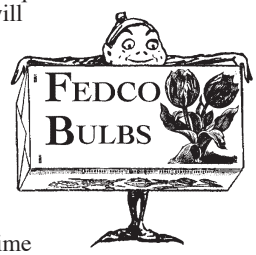
Supplies and clothing ship right away, separate from your bulbs.

Bulbs shipping will begin around September 30 and go through October, based on when we received your order. Any backorders will ship separately. Bulbs can be planted successfully up until your ground freezes.

Sunchokes and Amaryllis usually ship late October and may be sent separately from the rest of your order.

Note to Alaska and far north customers: Due to the timing of crop harvest, we do not receive inventory until September, and we begin shipping orders as soon as possible. We cannot guarantee an early shipment, so please plan accordingly and order early.

No Special Ship Dates! We cannot accommodate specific ship date requests or guarantee your order will arrive by a certain day.



Pickup Orders

We'll send an email in mid-October with your order number and pickup details. You may pick up your order during a designated two-week time period at our warehouse:

688 Bellsqueeze Rd, Clinton, ME.

If your order contains backordered items that are not available at pickup time, we will reach out as products are back in stock for you to pick up at a later date, or we will ship them to you.

Questions? Problems?
Call us at (207) 426-9900
or send an email to
questions@
fedcoseeds.com

Fedco Bulbs 2025

PO Box 520 Clinton, ME 04927
www.fedcoseeds.com

Paper order deadline: August 15, 2025
After 8/15, please order online.
Shipping begins Sept. 30.

(From mailing label) CC-

Farm or Group Name

Name

Shipping Address

Town St Zip

Billing Address (if different)

Town St Zip

Phone

Email

Delivery Options:

- ❑ **FedEx or Priority Mail (our choice)**
- ❑ **Mail** to PO Box, AK, HI, APO/FPO
- ❑ **Pickup** at our warehouse in Clinton, ME. *We will contact you in mid-October when your order is ready to pick up.*

Substitutions:
If an item in your order becomes unavailable, we might substitute with a similar variety.

Item total from reverse	
Bulk pricing orders $1,200+ take 10% off	–
Subtotal	=
5% Fedco Member Discount (see page 55)	–
Adjusted Total	=
Shipping	+
Sales Tax	+
Total	=

Ship To	Adjusted Total	Shipping Charge
CT, DE, MA, ME, NH, NJ, NY, PA, RI, VT	$0.01–20.00	**$6.95**
	$20.01–60.00	**$9.95**
	over $60.00	**17% Adjusted Total**
All other States	$0.01–20.00	**$9.95**
	$20.01–60.00	**$12.95**
	over $60.00	**19% Adjusted Total**

Sales Tax:

ME addresses & all pickups	—	Pay 5.5% sales tax on Adjusted Total
CO, IL, MA, MD, MI, UT, VA	—	Pay your local tax rate on Adj Total
AK, CT, GA, IN, KY, MN, NC, NJ, NY, OH, PA, RI, VT, WA, WI, WV	—	Shipping is taxable. Pay your local tax rate on **Adj Total + Shipping**

We accept Visa, MasterCard, AmEx, Discover Exp. Date

Fedco Bulbs 2025

Use this form for all items.
Keep a copy for your records.

	Item #	Size Code	Quantity	Item Name	Price per item	Total Price
ex.	*1234*	*A*	*2*	*Most Beauteous Blossom*	*$10.00*	*$20.00*
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
					Item total	

Check up-to-date product availability, view photos and order online at **fedcoseeds.com.**

Garden Peonies *Paeonia lactiflora*

Reliable, long-lived hardy herbaceous perennial native from Tibet to Siberia. The red to forest-green shoots appear in midspring and form a bushy clump of lustrous dark green deeply lobed foliage that makes a lovely hedge or backdrop to the flower garden.

Big spherical buds on sturdy stems gradually open from late spring to early summer, transforming into huge stunning blooms. Most garden peonies require support to keep the heavy blossoms from flopping. For long-lasting cutflowers, harvest when buds are soft like marshmallows but not quite open.

Plants may take 3–5 years to establish before blooming and are sensitive to disturbance during that time. LS-ESu, Z3-8. U.S.-grown roots with 2-3 eyes, unless otherwise noted.

Alexander Fleming - Among the hotter pink peonies. Fully double flowers have intense fragrance and very pink petals that lighten toward the edges. Blossoms on strong stems are nestled among and above the vibrant forest-green foliage, provide a fetching color contrast. Multiple side buds bloom over a long season. 28–30" tall. Midseason blooms.

6630 ***A****: 1 for $13.50*
B*: 3 for $34.00*

Big Ben - This tall robust highly fragrant peony is a classic, with long-lasting double 5–6" cherry-red to dark pink blooms atop sturdy stems that do not require support. Extended bloom time due to its numerous side buds. A great performer in both the South and the North. 34–36" tall. Early blooming.

6631 ***A****: 1 for $13.50*
B*: 3 for $34.00*

Bunker Hill - Dark rose-pink double blooms. Considered one of the very best garden peonies for cutflower arrangements. Introduced by a Massachusetts breeder in 1906; a favorite with gardeners ever since. 34" tall. Midseason blooms. 3-5 eyes. **NEW!**

6900 ***A****: 1 for $13.50* ***B****: 3 for $34.00*

Coral Sunset - Semi-double blooms in intense sunset coral with rose overtones and fluffy golden stamens. Light fragrance and long vase life. 28" tall. Early blooms.

6640 ***A****: 1 for $15.50* ***B****: 3 for $38.00*

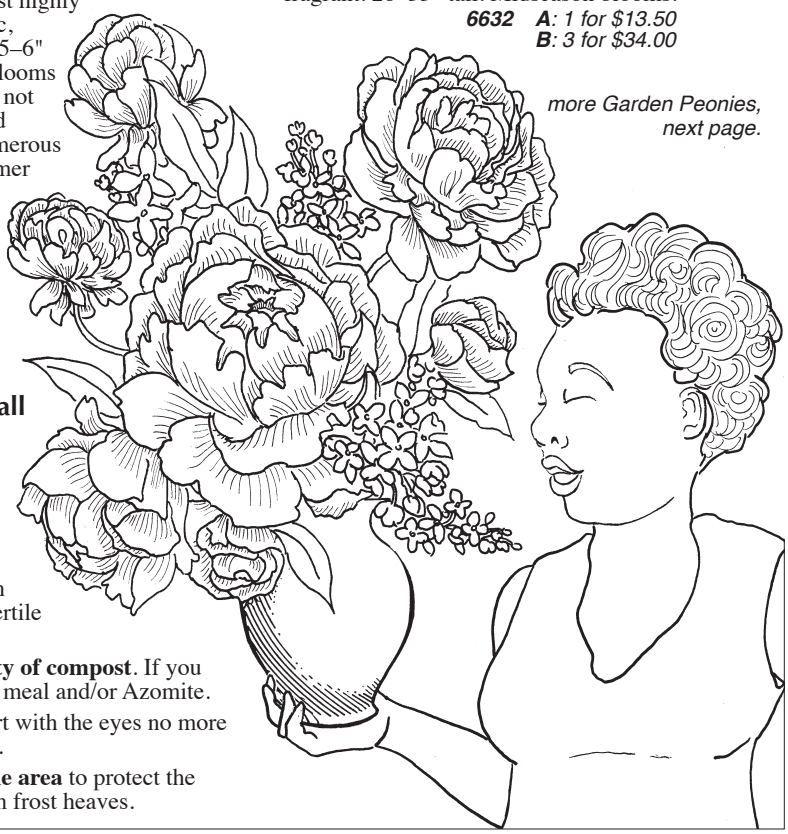
Duchesse de Nemours - Time-travel back to 1856 with the Duchess, an award-winning white peony from France that has graced garden beds and tabletop vases for generations. Fully double 5–7" flowers with spreading outer petals completely mounded over with lush white ruffled inner petals. Center petals are lit from within by a glowing yellow base. Fragrant. A vigorous and time-tested cultivar. Midseason blooms. 28–32" tall. 3-5 eyes. **BACK!**

6902 ***A****: 1 for $15.50* ***B****: 3 for $38.00*

Karl Rosenfield - A marvelous double flower of rare beauty. Large bright crimson blooms on strong stems are a great choice for cutflowers and showy garden beds. A magnificent variety worth traveling miles to see when in full bloom. Not fragrant. 28–33" tall. Midseason blooms.

6632 ***A****: 1 for $13.50*
B*: 3 for $34.00*

more Garden Peonies, next page.



Planting Bare-root Garden Peonies in Fall

Please open your order immediately and check that the roots are firm and pliable, neither soft nor brittle. Plant promptly!

- **Peonies prefer** full sun to part shade, and rich fertile well-drained soil.
- **Transplant with plenty of compost**. If you have it, sprinkle in bone meal and/or Azomite.
- **Space plants** 2–3' apart with the eyes no more than 1½" below the soil.
- **Spread mulch over the area** to protect the overwintering roots from frost heaves.

King's Day - Early semi-double blooms bring modern splashes of coral salmon and orange cream to your peony garden. Excellent cutflower. Introduced in 2019, its long strong stems and rich pastel hues are an improvement on coral peonies of the past. A true sight to behold. 34" tall. Early season. 3-5 eyes. **NEW!**

6904 ***A****: 1 for $26.50* ***B****: 3 for $69.00*

Lorelei - One of the most dynamic color-changing peonies, these bold bomb-type blossoms progress from red buds to pink blossoms and then develop layered orange-pink and apricot tones. Strong rugged stems support the big blooms. Sweet spicy fragrance. Uncommon in the trade. 35" tall. Early bloomer. 3-5 eyes. **BACK!**

6906 ***A****: 1 for $45.00* ***B****: 3 for $121.00*

Peter Brand - Fragrant fully double blossoms start ruby red and progress into deep purple-red tones with yellow stamens at the tail end of blooming. A superb cutflower. Blooms are nearly rainproof on compact shrubs. This heirloom predates its introduction to market in 1937; it's been a stalwart companion in the peony garden for nearly a century. 36" tall. Midseason blooms. 3-5 eyes. **NEW!**

6908 ***A****: 1 for $17.50* ***B****: 3 for $47.00*

Pink Hawaiian Coral - A symphony of coral, peach, melon and pink shades in semi-double form. Elegant 5–6" flowers change color as they age. Very fragrant and packed with petals. Won the American Peony Society's Gold Medal in 2000. 24–36" tall. Early blooming. 3-5 eyes.

6633 ***A****: 1 for $15.50* ***B****: 3 for $38.00*

Red Charm - Dark crimson double bomb-type blossom with a heavily ruffled pile of petals in the center surrounded by a red guard of smooth single outer petals. The elegant outer petals frame the bloom bomb, and may descend from its early hybridization with *P. officinalis*, a wild single peony from southern Europe. Emits a gentle scent of cloves and roses. 32" tall. Extra-early bloom time! 3-5 eyes. **BACK!**

6910 ***A****: 1 for $17.50* ***B****: 3 for $47.00*

Sarah Bernhardt - One of the most popular peony varieties since its 1906 intro. Lightly fragrant flowers open light rose-pink and mature to a more delicate pink with occasional red edging. Richly full double flowers are 6–8" across on strong stems. 32–36" tall. Late blooming.

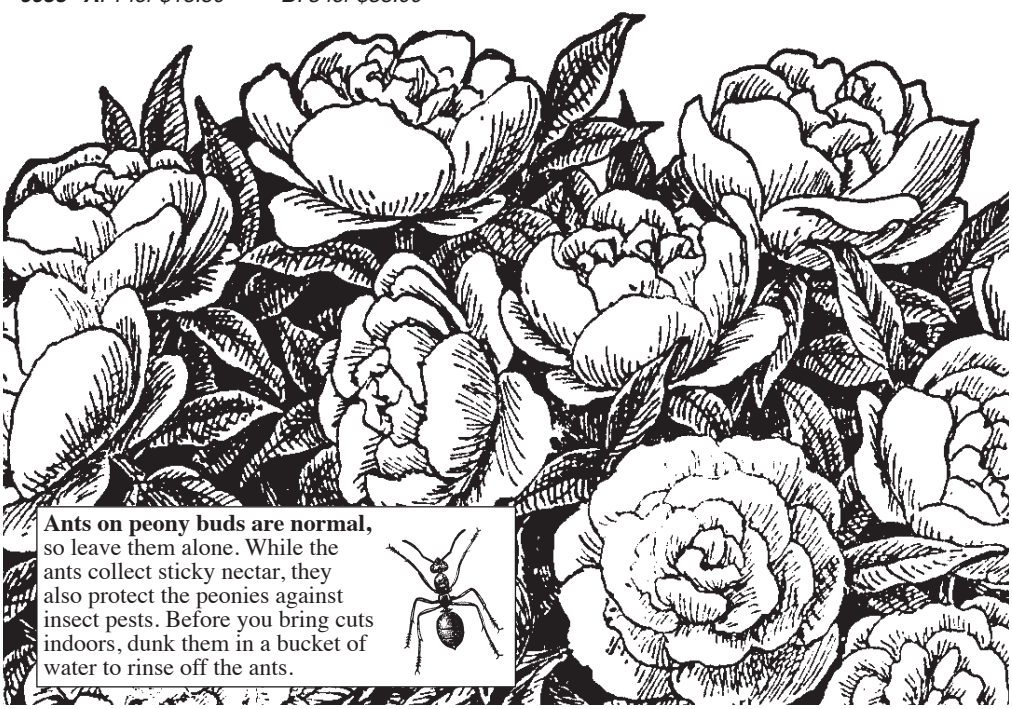
6635 ***A****: 1 for $13.50* ***B****: 3 for $34.00*

Shirley Temple - Highly fragrant large fully doubled flowers up to 8" across. Pale pink as they emerge, lightening to white as they mature. Long-lasting blooms on very strong stems with no staking required. Great cutflower or for drying. 32–36" tall. Early blooming.

6637 ***A****: 1 for $15.50* ***B****: 3 for $38.00*

Sorbet - Petals heaped up like a decadent dessert with seemingly endless layers of color and texture, this double peony features small frilly cream-colored petals sandwiched between larger pink petals, finally revealing a pale-yellow center. Lusciously fragrant. A feast for the senses. 28" tall. Midseason blooms.

6639 ***A****: 1 for $13.50* ***B****: 3 for $34.00*



Ants on peony buds are normal, so leave them alone. While the ants collect sticky nectar, they also protect the peonies against insect pests. Before you bring cuts indoors, dunk them in a bucket of water to rinse off the ants.

Itoh (Intersectional) Peonies

Undeniably lavish in bloom, Itohs (and those classified as Intersectionals) surprise some gardeners for being just as hardy and easy to grow as our more familiar garden peonies.

These wonders are a cross between herbaceous garden peonies and tree peonies and feature the best of both. Giant 6–9" blossoms (like the ones on tree peonies) open in early summer as many of the garden peonies are fading. The growth habit is similar to garden peonies with attractive mounded foliage that dies back in the winter. Strong stems rarely need staking. Side buds bloom late into the season.

To help you succeed with these pricier bare-root peonies, we'll include planting and pruning instructions with your order. *Supply limited*—order early to avoid disappointment! LS-ESu. Z3-8.

***P.* (Itoh) x 'All That Jazz'** - Creamy white petals are speckled with maroon that becomes more concentrated at the centers, where the petal bases are pooled in deep plum. As devastating as red wine splashed on silk. Medium-sized blooms are somewhere between semi-double and double on strong stems. Relatively new in the trade, this Itoh was bred in 2000 and first bloomed in 2006. 26–32" tall. Mid-to-late season blooms. 2-3 eyes. **NEW!**

6912 ***A****: 1 for $45.00* ***B****: 3 for $121.00*

***P.* (Itoh) x 'Bartzella'** - We have to imagine that these radiant yellow blooms with very slight orange-red center flares would have warmed the cockles of Dr. Itoh's heart. Bred by Roger Anderson, who carried on Dr. Itoh's work of developing the perfect yellow peony. The fragrant 6" semi-double to double blooms are simply gorgeous, and foliage looks great all season into the fall. 34–36" tall. Mid-to-late season blooms. 3-5 eyes. **BACK!**

6914 ***A****: 1 for $37.00* ***B****: 3 for $97.00*

***P.* (Itoh) x 'Singing in the Rain'** - Named for its rugged ability to withstand a rainstorm, usually the bane of peony blossoms. Copious semi-double blooms color shift from delicate orange-pink to creamy yellow to deep peachy salmon. You've got to see it to believe it. Gentle but enchanting fragrance. Handsome foliage lasts until autumn. 34–36" tall. Mid-to-late season blooms. 2-3 eyes. **NEW!**

6916 ***A****: 1 for $37.00* ***B****: 3 for $97.00*

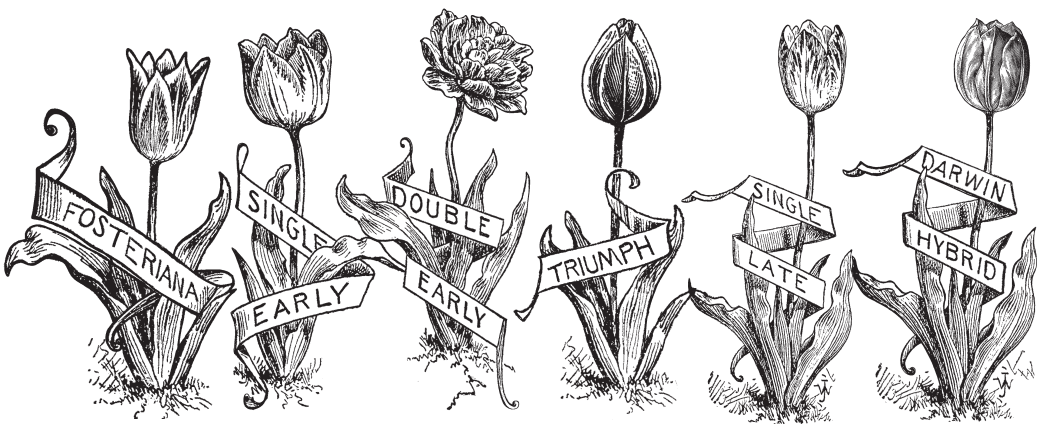
Itoh vs. Intersectional

'Itoh' refers to the Japanese hybridizer Dr. Toichi Itoh, who during and after World War II made thousands of attempts to cross garden and tree peonies. His goal was to breed the perfect yellow peony. He finally succeeded in 1948 but did not live to see his seedlings bloom. In 1968 his widow gave an American breeder permission to introduce Itoh peonies to the West, where hybridizers took up the torch.

Some purists refer only to Dr. Itoh's four original yellow peonies as Itohs and subsequent hybrids (many in other wonderful colors) as Intersectionals. We tend to call them all Itohs to honor the man who endured war while dreaming of flowers.

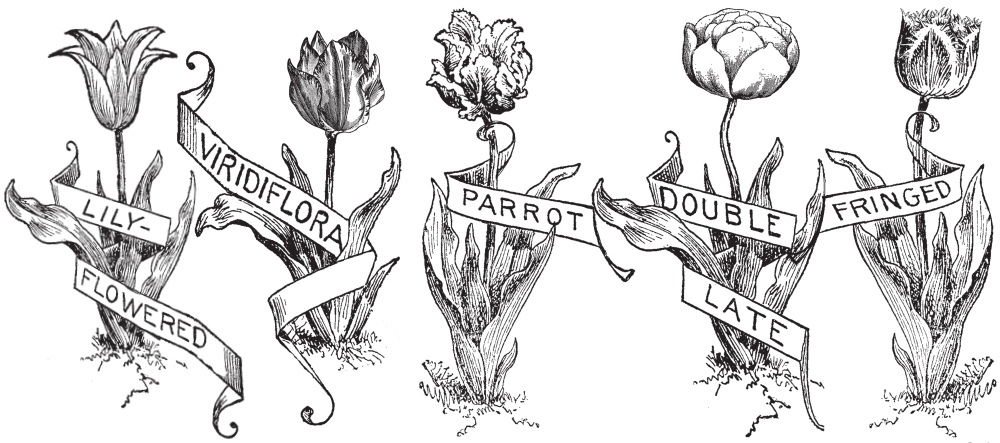
Garden Tulips at a Glance

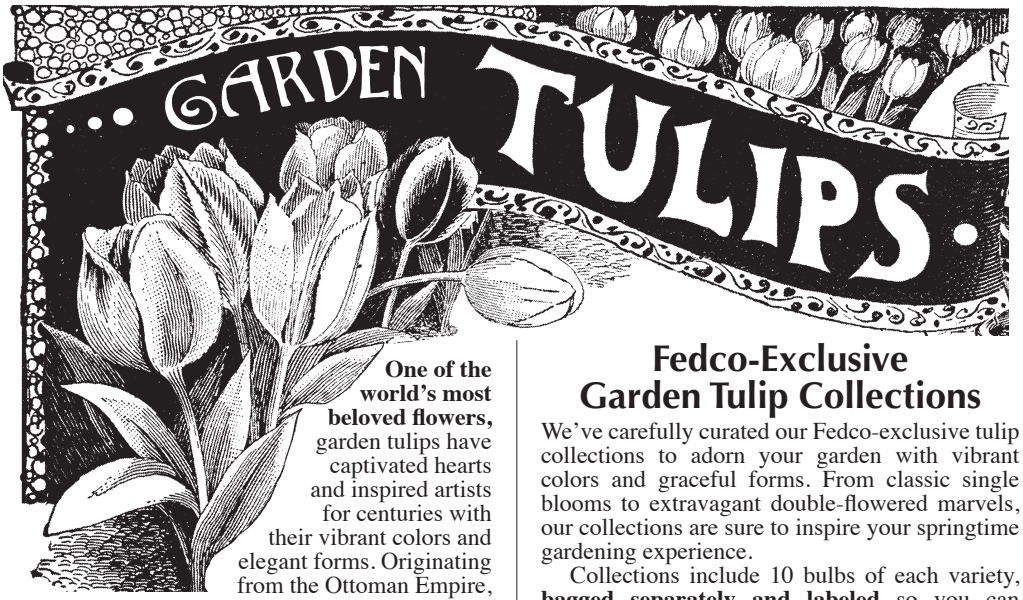
Class	Variety	Color	Bloom Time	Height	Fragrant	Indoor Forcing
Fosteriana	Orange Emperor	Orange	Early	16-18"		x
	Red Emperor	Red	Early	16-18"		x
Single Early	Apricot Beauty	Apricot-Pink	Early	18-20"	x	x
	Purple Prince	Purple	Early	14-16"		x
Double Early	Avant Garde	Cream	Early	14-16"	x	x
	Columbus	Magenta/White	Early	14-16"		x
	Foxtrot	Pink/White	Early	12-14"	x	x
	Foxy Foxtrot	Yellow/Apricot	Early	12-14"	x	x
	Margarita	Magenta	Early	16-18"	x	**x**
	Orca	Orange	Early-Mid	12-14"	x	x
	Palmyra	Burgundy	Early	16-20"	x	x
	Red Foxtrot	Scarlet/Red	Early	12-14"	x	x
	Valdivia	Orange-Salmon	Early	14-16"	x	x
	Verona Sunrise	Coral/Rose/Yellow	Early	18-20"	x	x
Triumph	Apricot Foxx	Apricot/Pale Yellow	Mid	16-22"		x
	Cadans	Red/Orange	Mid	14-16"		x
	Delta Storm	Coral/Orange	Mid	22-24"		
	Flaming Flag	White/Purple	Mid	16-22"		x
	Jimmy	Coral/Peach	Mid	16-18"		x
	Pretty Princess	Pink/Crimson-Purple	Mid	12-14"		x
	Princess Irene	Orange/Crimson-Purple	Mid	12-14"	x	x
	Purple Flag	Purple	Mid	16-22"		x
	Ronaldo	Mulberry	Mid	18-22"		x
	White Flag	White	Mid	16-22"		x
Darwin Hybrid	Apeldoorn Elite	Red/Yellow	Mid	22-24"		
	Apricot Impression	Apricot	Mid	24-26"		
	Apricot Pride	Pale Pink/Cream	Mid	20-24"		
	Daydream	Yellow/Apricot	Mid	20-28"	x	
	Pink Impression	Pink/Rose	Mid	24-30"		
	Purple Pride	Purple/Magenta	Mid	20-24"		
	Wedding Dress	White	Mid	20-24"		
Single Late	Alibi	Lavender	Mid-Late	16-22"		
	Avignon	Scarlet/Apricot	Late	22-26"		
	Dordogne	Rose/Orange	Late	24-26"		
	El Niño	Yellow/Salmon	Late	24-28"		



Garden Tulips at a Glance

Class	Variety	Color	Bloom Time	Height	Fragrant	Indoor Forcing
more Single Late	Maureen	White	Late	24-28"		
	Menton	Pink/Apricot	Late	24-28"		
	Purple Lady	Purple	Late	18-20"		
	Queen of Night	Dark Purple	Late	22-26"		
	Stunning Apricot	Apricot	Late	24-28"		
	Yosemite	Pink	Late	24-26"		
Lily-Flowered	Ballerina	Orange	Late	18-20"	x	
	Marianne	Pink/Yellow	Late	20-22"		
	Merlot	Purple	Late	18-22"		
Viridiflora	Artist	Salmon/Green	Late	14-16"		
	China Town	Pink/Green	Late	12-16"		
Parrot	Amazing Parrot	Multi-Colored	Late	18-24"		
	Apricot Parrot	Multi-Colored	Late	18-20"	x	
	Black Parrot	Burgundy-Purple	Late	16-20"		
	Parrot King	Multi-Colored	Late	18-24"		
	Super Parrot	White/Green	Late	16-20"		
Double Late	Angelique	Pink	Late	14-18"	x	x
	Backpacker	Purple	Late	14-20"		
	Black Hero	Blackberry	Late	20-22"		
	Charming Beauty	Apricot/Peach	Late	18-20"		
	Copper Image	Coral/Rose/Peach	Late	14-16"		
	Creme Upstar	Yellow/Peach/Pink	Late	14-18"		
	Double Gudoshnik	Red/Yellow	Late	18-20"	x	
	Double Negrita	Purple/Violet	Late	16-18"	x	
	Dream Touch	Purple/White	Late	18-20"		
	La Belle Epoque	Salmon/Rose/Peach	Late	16-18"		
	Mount Tacoma	White	Late	14-18"		
	Orange Princess	Orange/Crimson-Purple	Late	12-14"	x	
	Pep Talk	Pink/Rose/Ivory	Late	18-20"		
	Silk Road	Cream/Rose	Late	16-18"		
	Sunlover	Yellow/Orange/Red	Late	16-18"		
Fringed	Brisbane	Salmon/Yellow	Late	18-20"		
	Cummins	Lavender/White	Late	18-20"		
	Labrador	Maroon/Blackberry	Late	18-20"		
	Lambada	Salmon/Orange	Late	18-20"		





One of the world's most beloved flowers, garden tulips have captivated hearts and inspired artists for centuries with their vibrant colors and elegant forms. Originating from the Ottoman Empire, these enchanting bulbs found their way to the Netherlands in the 16th century where they sparked an economic frenzy known as "Tulip Mania" after being identified as symbols of wealth and prosperity.

Tulips continue to enchant gardeners and enthusiasts alike with their versatility and charm. Their kaleidoscope of colors and shapes in the spring makes them ideal for a wide range of garden designs and arrangements. Whether planted in beds, borders or containers, tulips bring a touch of elegance and joy to any landscape. Most varieties are also good for cutting, and many are good for forcing. See our tulip comparison chart for further reference.

To help protect your tulips from marauding critters, try interplanting with genera that are unattractive to pests, like Allium, Fritillaria and Narcissus.

Garden Tulips are hardy in Zones 3-7, unless otherwise noted. All our tulip bulbs measure at least 12cm, unless specified.

Fedco-Exclusive Garden Tulip Collections

We've carefully curated our Fedco-exclusive tulip collections to adorn your garden with vibrant colors and graceful forms. From classic single blooms to extravagant double-flowered marvels, our collections are sure to inspire your springtime gardening experience.

Collections include 10 bulbs of each variety, **bagged separately and labeled** so you can mix and match to your own liking. You'll find descriptions for all collection components in the following pages. If a variety in a collection becomes unavailable, we'll substitute a similarly wonderful variety.

Fedco's Golden Girls Collection Much like the beloved characters of the iconic TV show, these tulips exude sophistication and warmth with their antique shades of gold, burgundy and cream. Bring a touch of nostalgia and elegance to your garden. 10 bulbs each of three Double Early tulip varieties: Valdivia, Palmyra and Avant Garde. ES.

***6803 A**: one collection, 30 bulbs for $45.00*

Fedco's Spring Roses Collection Delicate petals in shades of pink and white dance gracefully, evoking the romantic allure of a rose garden in full bloom. 10 bulbs each of three Double Early tulip varieties: Columbus, Margarita and Avant Garde. ES.

***6805 A**: one collection, 30 bulbs for $41.00*

Fedco's Bromance Collection These two gentlemen take center stage in a celebration of enduring friendship. A perfect partnership of deep mulberry tones with shades of coral and orange. 10 bulbs each of two Triumph tulip varieties: Ronaldo and Jimmy. MS.

***6807 A**: one collection, 20 bulbs for $27.00*

Fedco's Princess Tea Party Collection Delight in the regal hues of orange and pink with flashes of burgundy as these tulips mingle in the garden, evoking the elegance of a royal tea party. 10 bulbs each of two Triumph tulip varieties: Princess Irene and Pretty Princess. MS.

***6809 A**: one collection, 20 bulbs for $31.00*

In a Collection, varieties are individually labeled.
In a Mix, varieties are jumbled together.

Fedco's Royal Pennant Collection
Let these pennants wave proudly in your garden, commanding attention and heralding the arrival of a splendid and colorful spring season. 10 bulbs each of three Triumph tulip varieties: Purple Flag, Flaming Flag and White Flag. MS.

***6811 A**: one collection, 30 bulbs for $34.50*

Fedco's Bedazzled Gems Collection
This jewel-toned trio features color combinations and textures that are truly dazzling. 10 bulbs each of three Single Late tulip varieties: Purple Lady, El Niño, and Avignon. LS.

***6815 A**: one collection, 30 bulbs for $40.50*

Fedco's Melon and Cream Collection
Like dipping into a delectable dessert on a sunny day, these blooms offer a tantalizing blend of soft melon tones with a touch of creamy white. 10 bulbs each of three Single Late tulip varieties: Dordogne, Maureen and Menton. LS.

***6817 A**: one collection, 30 bulbs for $37.50*

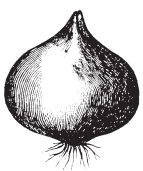
Fedco's Purple Tuxedo Collection
Springtime becomes a black-tie affair when the deepest purples are matched with pristine white blooms. 10 bulbs each of three Single Late tulip varieties: Queen of Night, Purple Lady and Maureen. LS.

***6819 A**: one collection, 30 bulbs for $37.50*

Fedco's Dreamy Angels Collection
A heavenly medley of pink, purple-maroon and white ruffled petals imparts timeless elegance and grace to the garden. The fine white edging of Dream Touch adds depth to bouquets. 10 bulbs each of three Double Late tulip varieties: Angelique, Dream Touch and Mount Tacoma. LS.

***6821 A**: one collection, 30 bulbs for $43.50*

Included in each heading or description:
- Approximate height at flowering time
- Relative bloom time
  ES: early spring
  MS: mid-spring
  LS: late spring
- Bulb size



Garden Tulip Mixes

These colorful Tulip mixes are designed for mass plantings and contain a variety of blended shades for creating beautiful landscapes, gardens and flower arrangements. Plant bulbs 4–6" apart for full coverage. Hardy to Z3-8.

Blushing Purple Mix A sensational mix of Triumph tulips, featuring large cup-shaped flowers on sturdy stems. Shades of red, yellow and orange, with a touch of purple that really makes this mix pop! Exceptional for mass plantings and a top choice for Easter and Mother's Day pot production. MS. 15–20" tall.

***6797** **A**: 25 bulbs for $26.00*
***B**: 50 bulbs for $48.00*
***C**: 100 bulbs for $86.00*
***D**: 200 bulbs for $155.00*

Darwin Hybrid Impressions Mix Large egg-shaped blooms on tall sturdy stems in a striking mix of pinks, soft red and apricot. A popular choice for landscapes because they are long-lived, heat tolerant, and grow well in partial shade. 22–24" tall. MS.

***6799** **A**: 25 bulbs for $26.00*
***B**: 50 bulbs for $48.00*
***C**: 100 bulbs for $86.00*
***D**: 200 bulbs for $155.00*

Eye Catcher Mix - Stop your garden guests in their tracks with a swath of big solid purple, lavender, and mixed purple-and-white blooms. The purple tones create a pleasing sprawl of color, while the splashes of white make everything pop! 12–22" tall. MS. **NEW!**

***6794** **A**: 25 bulbs for $29.00*
***B**: 50 bulbs for $55.00*
***C**: 100 bulbs for $95.00*
***D**: 200 bulbs for $185.00*

Fire Glow All-Season Mix - Better getchya burn permit! Vivid reds, oranges, yellows and combinations thereof. Triumphs, Darwins, Lilies, Singles, Doubles, yeehaw! Notify the neighbors. 16–30" tall. MS-LS. **NEW!**

***6798** **A**: 25 bulbs for $26.00*
***B**: 50 bulbs for $48.00*
***C**: 100 bulbs for $86.00*
***D**: 200 bulbs for $155.00*

View color photos online.

Fosteriana Tulips

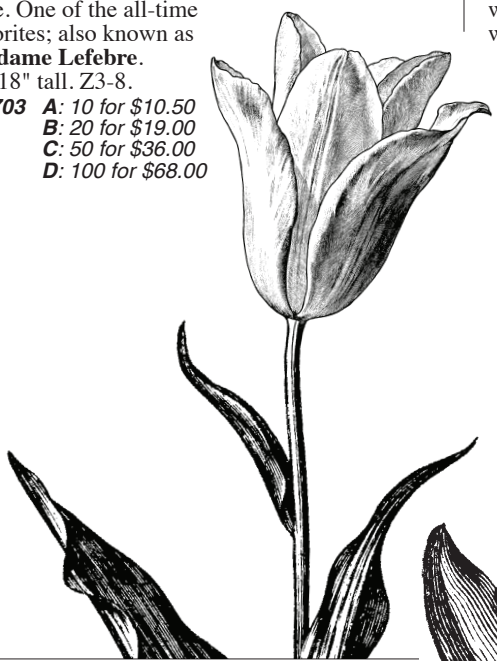
Also known as Emperor tulips, this group is one of the first tulips to bloom in spring. Large single flowers with long petals and vivid colors open wide in full sun. One of the best types for perennializing (naturalizing) and great for forcing indoors in winter. ES.

Orange Emperor - Bright orange and peach blooms streaked with yellow on a yellow base. Large flowered, early blooming. Plant with pink tulips or narcissus. 16–18" tall. Z3-8.

6701 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Red Emperor - Huge blooms of fiery red with enormously long petals on a black and yellow base. One of the all-time favorites; also known as **Madame Lefebre**. 16–18" tall. Z3-8.

6703 ***A****: 10 for $10.50*
B*: 20 for $19.00*
C*: 50 for $36.00*
D*: 100 for $68.00*



Single Early Tulips

Classic cup-shaped tulip. Relatively large long-lasting blooms in early spring. Good cutflower. Shorter stature makes them well suited for bedding and containers. Strong stems stand up well to wind and rain. ES.

Apricot Beauty - Soft apricot-pink petals tinged with rose and salmon with an uncommon light green base. Fragrant, truly lovely, good for forcing, and one of the world's best-selling tulips. 18–20" tall.

6729 ***A****: 10 for $14.50* ***B****: 20 for $26.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Purple Prince - Deep bluish-purple with dusky lilac flames, reddish-purple inside. Large flowers with a scalloped edge. Complex color mixes well with others. 14–16" tall. Z3-8.

6731 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Planting Tulips for Longevity

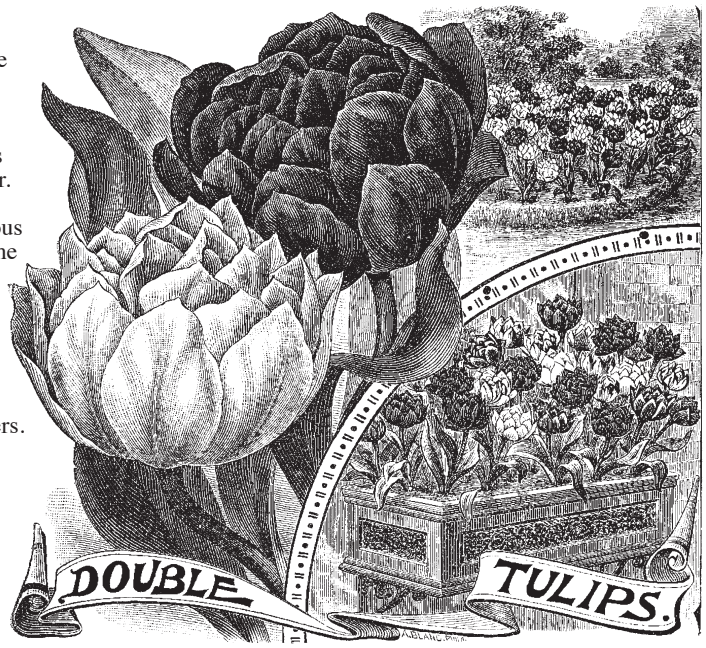
Some gardeners treat tulips like annuals and buy new ones every year, while others painstakingly dig their bulbs up in summer after the foliage has browned and store them to replant in the fall.

If (like us) you are thrifty and/or lazy, there's an easier way to encourage tulips to come back year after year. Choose a sunny location and plant the bulbs 8–10" deep (yes, that deep!) in well-drained soil, 3–4 weeks before the ground freezes.

During spring growth, check the soil weekly if there is little rain, and water if 1/2" below the surface is dry. Deadhead to force the plant's energy into the bulb. Don't cut or tie the foliage until it has begun to yellow. Overplant with annuals or perennials to help keep the soil dry down where the bulb is.

Double Early

Ruffled double flowers resemble peonies, with at least twice the number of petals as single varieties. These tulips bloom slightly later than Single Earlies and hold their blooms for longer. The large flowers make them a great choice for crafting luxurious bouquets, and they are among the best tulips for bedding plants and for forcing indoors. Their short stature makes them more resilient to wind than other types. ES, unless noted.



Avant Garde - Large creamy-white blooms with yellow centers. Strong stems keep the heavy ruffled blossoms upright and highly visible in the garden or vase. Light summery fragrance. A popular choice for wedding arrangements. 14–16" tall.

6659 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*

Columbus - Big peony-like blooms are packed with raspberry-pink petals edged in cream. 14–16" tall.

6661 ***A****: 10 for $12.50* ***B****: 20 for $22.00*
C*: 50 for $39.00* ***D****: 100 for $65.00*

Foxtrot - Lightly ruffled palm-sized pink and white blooms on strong stems. Slightly fragrant. An award-winning tulip well suited to cutflower arrangements. 12–14" tall.

6663 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Foxy Foxtrot - An extra-foxy color-shifting double, with shades of pale yellow and apricot contrasting nicely with hints of rose and white. Blossoms are 4–5" and fragrant. Its lovely palette blends well with a wide variety of colors, making it a great choice for arrangements. 12–14" tall. Z3-8.

6665 ***A****: 10 for $12.50* ***B****: 20 for $22.00*
C*: 50 for $39.00* ***D****: 100 for $65.00*

Margarita - Plentiful magenta petals, paler at the scalloped edges, form large lively blooms. Subtle fragrance. 16–18" tall.

6667 ***A****: 10 for $15.00* ***B****: 20 for $27.00*
C*: 50 for $56.00* ***D****: 100 for $99.00*

Orca - Glowing orange with subtle green streaks and yellow centers. Splendid citrusy colors shift as the large blooms develop. Popular as a long-lasting fragrant cutflower. 12–14" tall. ES-MS, Z3-8.

6669 ***A****: 10 for $14.50* ***B****: 20 for $26.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Palmyra - Moody dark burgundy flowers with luxuriant layers of curved petals. Fragrant and borne on strong stems—a good choice for borders and ideal for dramatic bouquets. 16–20" tall.

6671 ***A****: 10 for $12.50* ***B****: 20 for $22.00*
C*: 50 for $39.00* ***D****: 100 for $65.00*

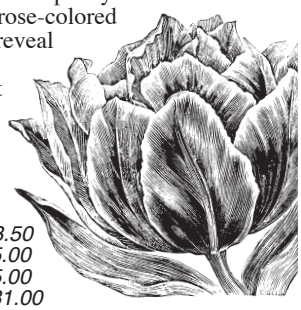
Red Foxtrot - Red tulips are common, but Red Foxtrot's got something special with bold scarlet hues ranging into a textured orange-red. As with most Double Earlies, the flamboyant blooms sit on sturdy stems. Does well in pots. 12–14" tall. **NEW!**

6674 ***A****: 10 for $14.50* ***B****: 20 for $26.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Valdivia - Bursting with petals in luminous shades of orange, salmon and gold. The fragrant blooms reach up to 6" across. Great for mixing in bouquets with shades of pink, cream and brown. 14–16" tall.

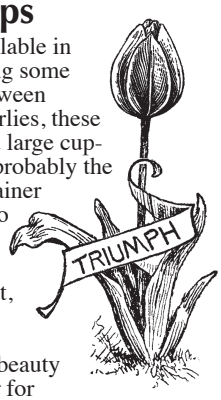
6675 ***A****: 10 for $16.50* ***B****: 20 for $31.00*
C*: 50 for $58.00* ***D****: 100 for $105.00*

Verona Sunrise - Full peony-like blooms with stunning coral and rose-colored petals that open to reveal pale champagne yellow. Colors shift with light and maturity. Lightly fragrant. 18–20" tall. **NEW!** to the paper catalog.



6660 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*

Triumph Tulips



The largest class of tulips, available in a wide range of colors including some with pastel sheens. A cross between Darwin Hybrids and Single Earlies, these beauties have strong stems and large cup-shaped blooms. Triumphs are probably the best choice for forcing or container gardens, but are well adapted to field conditions. MS.

Apricot Foxx - Popular for its stunning blend of apricot, salmon and pale yellow that soften to rose and peach at the petal margins. This two-toned beauty has earned its supernumerary *x* for *excellence*, with muted colors that easily blend into bouquets or the garden. Good for forcing indoors, too. 16–22" tall.

6775 ***A**: 10 for $10.50* ***B**: 20 for $19.00*
***C**: 50 for $36.00* ***D**: 100 for $68.00*

Cadans One of the brightest cheeriest Triumphs! Red-orange tones throughout, along with a deep salmon hue. Big and expressive without being cloying. Classic tulip silhouette. Great cutflower, and good for forcing indoors. 14–16" tall. **NEW!**

6776 ***A**: 10 for $12.50* ***B**: 25 for $22.00*
***C**: 50 for $39.00* ***D**: 100 for $65.00*

Delta Storm - A perfect storm of satiny soft orange and coral blooms on strong stems. Named for its ability to withstand rain and wind despite its tall stature. The color is surprisingly versatile, mixing well in bouquets with both subtle and bold colors. 22–24" tall. **NEW!**

6778 ***A**: 10 for $13.50* ***B**: 20 for $25.00*
***C**: 50 for $45.00* ***D**: 100 for $81.00*

Flaming Flag - Enormous glistening white petals contrast with a wave of subtle purple blushes and sharp purple flames. Like a Rembrandt tulip; no two exactly the same. 16–22" tall.

6779 ***A**: 10 for $10.50* ***B**: 20 for $19.00*
***C**: 50 for $36.00* ***D**: 100 for $68.00*

Jimmy - Bright and beautiful! Coral and peach blooms brushed with orange accents open to yellow centers. Stout stems hold up well during spring rains or high winds. 16–18" tall. Z3-8.

6781 ***A**: 10 for $13.50* ***B**: 20 for $25.00*
***C**: 50 for $45.00* ***D**: 100 for $81.00*

Pretty Princess - Flamboyant pink with crimson flames and veins of crimson-purple in the center of petals. The leaves are trimmed with a narrow cream band, adding interest to borders even before the blooms open. A sport of Princess Irene. 12–14" tall. Z3-8.

6785 ***A**: 10 for $14.50* ***B**: 20 for $26.00*
***C**: 50 for $49.00* ***D**: 100 for $89.00*

Princess Irene - Wonderfully complex rich orange-apricot petals are finely etched with a dusky to vibrant crimson-purple flame. Fragrant. One of the oldest, most popular varieties ever grown in the Netherlands. Popular for forcing. We used to spell it the Dutch way, **Prinses Irene**. 12–14" tall.

6787 ***A**: 10 for $16.50* ***B**: 20 for $31.00*
***C**: 50 for $58.00* ***D**: 100 for $105.00*

Purple Flag - Vibrant purple with subtle violet undertones, this tulip has superb coloring and loads of charm. Angular cup shape and tight petals add interesting texture to bouquets. 16–22" tall. Z3-8.

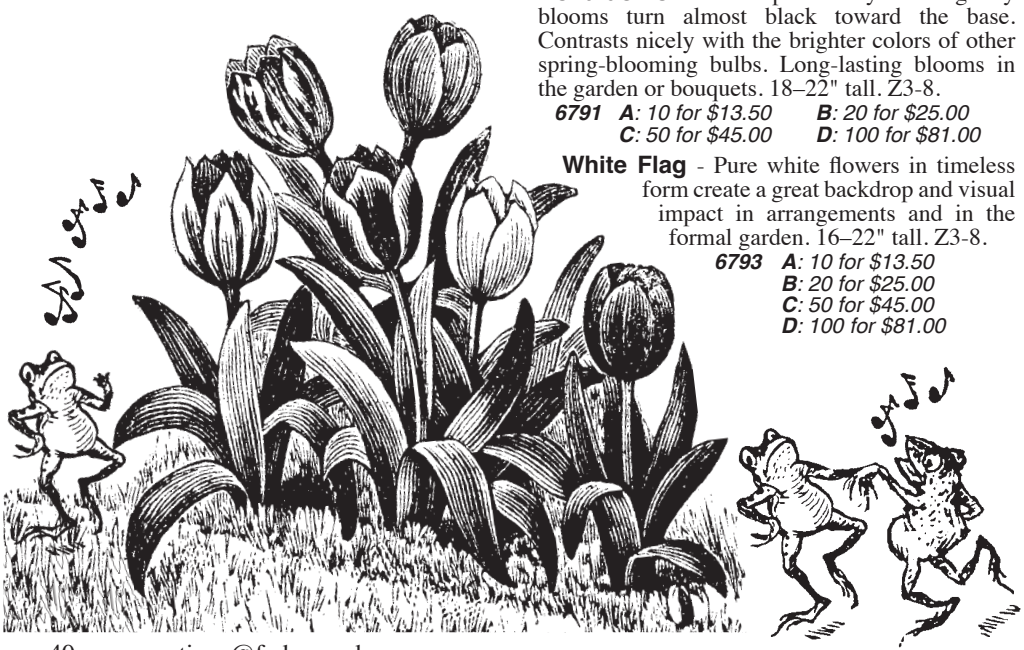
6789 ***A**: 10 for $10.50* ***B**: 20 for $19.00*
***C**: 50 for $36.00* ***D**: 100 for $68.00*

Ronaldo - Unusual deep mulberry and burgundy blooms turn almost black toward the base. Contrasts nicely with the brighter colors of other spring-blooming bulbs. Long-lasting blooms in the garden or bouquets. 18–22" tall. Z3-8.

6791 ***A**: 10 for $13.50* ***B**: 20 for $25.00*
***C**: 50 for $45.00* ***D**: 100 for $81.00*

White Flag - Pure white flowers in timeless form create a great backdrop and visual impact in arrangements and in the formal garden. 16–22" tall. Z3-8.

6793 ***A**: 10 for $13.50*
***B**: 20 for $25.00*
***C**: 50 for $45.00*
***D**: 100 for $81.00*



Darwin Hybrid Tulips

This class of midseason tulips is often sold as "Perennial Tulips" because they reliably produce flowers for years longer than many other hybrid tulips. Large to very large egg-shaped flowers are prized for their sturdy stems and rich color. Weather resistant and long blooming. Be sure to allow the foliage to die back naturally. MS-LS.

Apeldoorn Elite - Bright pink-red petals with contrasting yellow-orange edging. Classically shaped 4" flowers are famous for a reason; striking in the garden or vase. 22–24" tall.

6649 ***A**: 10 for $10.50* ***B**: 20 for $19.00*
***C**: 50 for $36.00* ***D**: 100 for $68.00*

Apricot Impression - Large lustrous apricot-pink blooms with a softer warm peach glow. A popular color for arrangements and a bold presence in the garden. 24–26" tall. Z3-8.

6651 ***A**: 10 for $13.50* ***B**: 20 for $25.00*
***C**: 50 for $45.00* ***D**: 100 for $81.00*

Apricot Pride - Big 5" flowers project gorgeous hues from delicate blushing pink to buttercream, with enough white to keep it paler than true apricot. Antique color tone works well with modern palettes. 22" tall. **BACK!**

6652 ***A**: 10 for $10.50* ***B**: 20 for $19.00*
***C**: 50 for $36.00* ***D**: 100 for $68.00*

Daydream - Opens yellow, matures to rich apricot, with washes and blushes of yellow and rose. Fragrant. Stunning, says Gene. It's one of our every-year favorites. 20–28" tall.

6653 ***A**: 10 for $12.50* ***B**: 20 for $22.00*
***C**: 50 for $39.00* ***D**: 100 for $65.00*

Pink Impression - Deep rose exterior with pale pink flames, and delicate pink edges; inside blush and pale pink. Impressive, handsome tulip is taller and larger than most, with lots of subtle gradations. 24–30" tall.

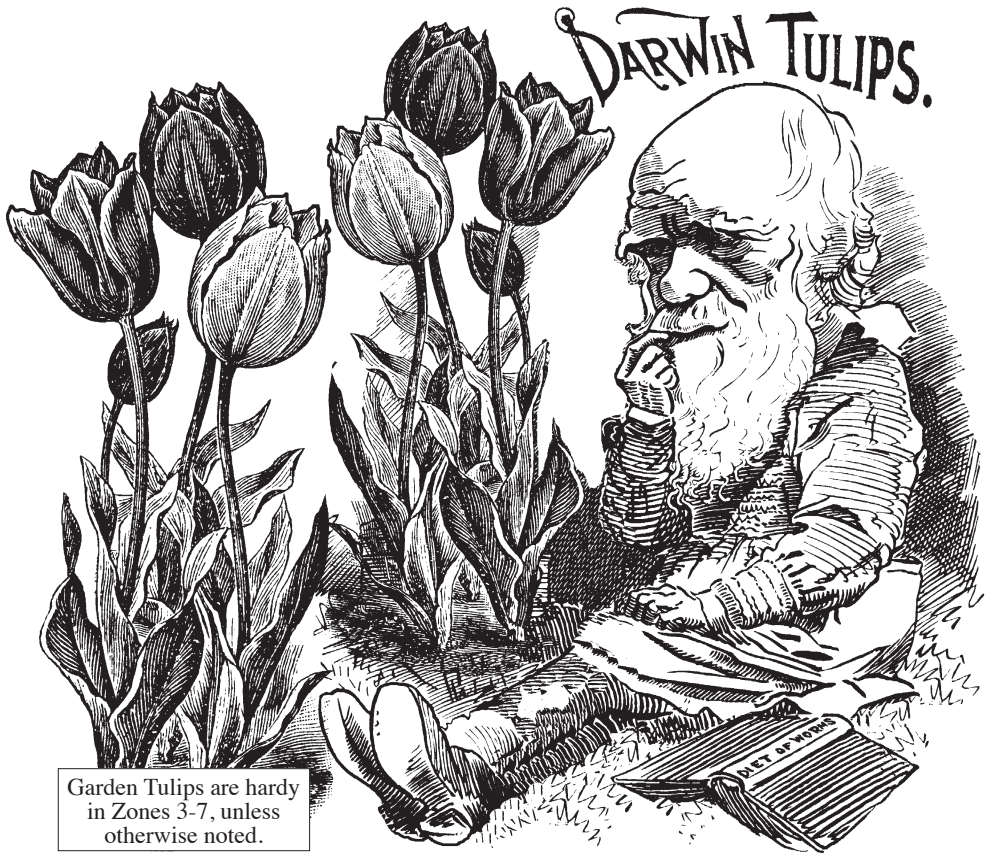
6655 ***A**: 10 for $12.50* ***B**: 20 for $22.00*
***C**: 50 for $39.00* ***D**: 100 for $65.00*

Purple Pride - Hide your purple under a bushel? No! Large lavish 5" purple-lavender blooms with a magenta sheen. This is the first purple Darwin Hybrid to hit the market. Celebrate by planting en masse! 20–24" tall.

6657 ***A**: 10 for $14.50* ***B**: 20 for $26.00*
***C**: 50 for $49.00* ***D**: 100 for $89.00*

Wedding Dress - The soft white of these big blooms is accented by gentle champagne tones near the base of the petals. Strong stems. A simply marvelous cutflower for any spring celebration. New to the market, which has a renewed appetite for classic bouquets. 20–24" tall. **NEW!**

6658 ***A**: 10 for $13.50* ***B**: 20 for $25.00*
***C**: 50 for $45.00* ***D**: 100 for $81.00*



Garden Tulips are hardy in Zones 3-7, unless otherwise noted.

Single Late Tulips

Sometimes called French Tulips, Single Lates have classic cup- or goblet-shaped flowers in a wide range of colors. Consistent and reliable performers with long strong stems. Ideal for cutting and mass border plantings. LS, unless noted.

Alibi - No one can accuse you of being anywhere but in the garden when these soft lavender tulips are in bloom. Pairs well with purples and white in mass plantings and in bouquets. 16–22" tall. MS-LS.

6733 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Avignon - This award-winning tulip has brilliant scarlet-pink flowers with apricot edging and a yellow base. Long-stemmed with large goblet-shaped blooms. A fine cutflower for spring bouquets. 22–26" tall. Z3-8.

6735 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Dordogne - Large handsome goblet-shaped blooms on tall stems combine rose-colored petals with lighter yellow-orange edges. Study this one up close, as the colors change daily and with the light. Pairs well with Menton. No two exactly the same; fabulous for cutting. 24–26" tall.

6737 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

El Niño - Lily-shaped blossoms open yellow-apricot and rose brushed with red and speckled with salmon. Color variation intensifies as each unique bloom matures. No two blooms are alike! 24–28" tall. Z3-8.

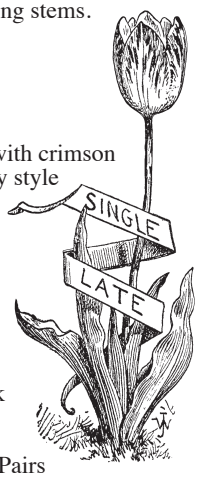
6739 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Maureen - Large oval-shaped creamy white blooms on long stems are just so classy. Maureen performs better in warmer climates than many other tulips. 24–28" tall. Z3-8.

6743 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Menton - Classic 1 1/2–2" egg-shaped pink blooms with changing shades of salmon, apricot and peach borne on elegant long stems. 24–28" tall. Z3-8.

6745 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*



Purple Lady - Rich purple with crimson undertones adds contemporary style to spring flower gardens and arrangements. Blends well with pinks, purples and reds. 18–20" tall. Z3-8.

6747 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*

Queen of Night - Deep dark velvety purple-maroon with a hint of concord grape, often referred to as a "black" tulip. Pairs well in bouquets with shades of red and orange, and especially striking alongside bright whites. 22–26" tall. Z3-8.

6749 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Stunning Apricot - Cup-shaped blooms glow in satiny apricot, coral and peach. A small green star appears on the inside of the cup for an endearing touch. 24–28" tall. Z3-8.

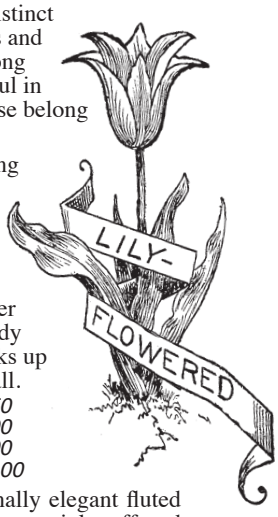
6751 ***A****: 10 for $12.50* ***B****: 20 for $22.00*
C*: 50 for $39.00* ***D****: 100 for $65.00*

Yosemite - Widely considered the best late-blooming pink tulip on the market, with its large 5" blooms in rich bright pink with a purplish hue. 24–26" tall. Z3-8.

6753 ***A****: 10 for $14.50* ***B****: 20 for $26.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

Lily-Flowered Tulips

Elegant flowers with distinct pointed, reflexed petals and narrow waists atop strong stems. Bold and graceful in bouquets and beds, these belong in every garden. LS.



Ballerina - Shimmering long-lasting yellow-orange blooms, subtly tinged with red-orange. Incredibly lovely, with elegant reflexed petals, a slender waist, and tall thin sturdy stems. Sweet scent perks up around dusk. 18–20" tall.

6711 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*

Marianne - Exceptionally elegant fluted blooms are light raspberry-pink suffused with deep honey yellow. Brings a joyful touch of vibrancy and character to any tulip bed. Long-lived blooms. 20–22" tall. **NEW!**

6712 ***A****: 10 for $16.50* ***B****: 20 for $31.00*
C*: 50 for $58.00* ***D****: 100 for $105.00*

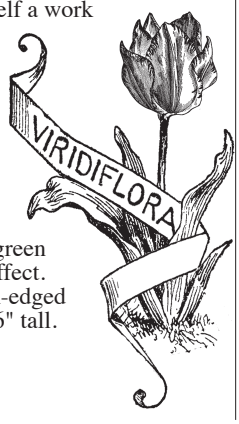
Merlot - Soft edges and jewel tones span dark fuchsia to deep purple and crimson. Silky, elegant and warming as a fine wine. As with most lily-flowered tulips, it has strong stems; excellent cutflower. 20" tall. **NEW!**

6710 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Viridiflora Tulips

Distinguished by green flames up the outside of the petals. These long-blooming beauties add interest to flower arrangements and bedding designs. MS-LS.

Artist - Feathered green outer petals give way to assured rosy-salmon with hints of purple. The fluted flower structure is itself a work of art, with the colorwork tipping the overall effect into the realm of masterpiece. 14–16" tall.



6773 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*

China Town - Soft pink blossoms distinguished by green midrib flames to stunning effect. Gentle yet bold, with cream-edged silvery-green foliage. 12–16" tall.

6795 ***A****: 10 for $13.50*
B*: 20 for $25.00*
C*: 50 for $45.00*
D*: 100 for $81.00*

Parrot Tulips

Elaborate blooms, up to 5" across, with fringed and scalloped plumage and sensational striations. Adds stunning color and texture to bouquets. The fringed flowers with mottled colors are reminiscent of feathers. Shorter in stature than other types, they are easy to grow, despite being so very fancy. They do appreciate a protected planting site. LS.

Amazing Parrot - Radiant salmon-rose outer petals with scalloped apricot edges tinged with green open to reveal inner apricot-pink tones with salmon streaking. Impressive in the garden but even more spectacular in a bouquet. 18–24" tall.

6713 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Apricot Parrot - Large flowers with deeply scalloped and fringed petals in shades of apricot, yellow, orange and cream with flames of green and pink. Unusual, yet decidedly classy in bouquets. Slight sweet fragrance. 18–20" tall.

6715 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Black Parrot - This 1937 heirloom is beloved for its deepest burgundy-purple blooms, scalloped and heavily feathered. Adds depth, texture and panache to arrangements. 16–20" tall.

6719 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Parrot King - Ornate large blooms in shades of yellow-orange, streaked with white and green flames. Feathery crimped petals add extra interest, particularly in arrangements or in small plantings backed by solid-colored tulips. Let them shine. 18–24" tall.

6723 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Super Parrot - Extra-large blooms with white rumply petals feathered with lush green. When fully open, blossoms remind us of a bird's wings. Striking in floral arrangements, or planted among plainer tulips. Strong sturdy stems. 16–20" tall. Z4-7.

6727 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Double Late Tulips

Lovely ruffled double blooms, much like Double Earlies, but enjoyed much later in the season. They tend to be slightly taller than Double Earlies but offer the same peony-flower charm. Excellent for both gardens and bouquets. LS.

Angelique - Shades of pastel pink and rose with lighter blush edges predominate these delicate blooms. Fragrant and sturdy. Great for forcing indoors. 14–18" tall. Z3-8.

6679 ***A****: 10 for $16.50* ***B****: 20 for $31.00*
C*: 50 for $58.00* ***D****: 100 for $105.00*

Backpacker - Intrepid layers of purple-violet petals create a peony-like form. Inner petals are lighter, adding extra dimension. Strong stems and upright habit make this an excellent cutflower choice. 14–20" tall.

6681 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Black Hero - Scrumptious blackberry blooms with a maroon sheen that contrasts well with the bluish-green foliage. Enjoy this late-season hero after all the other varieties have faded. 20–22" tall.

6683 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Charming Beauty - Breathtaking color display of apricot and coral that lightens to pale yellow and peach as it matures. Large and showy; protect them from the wind. 18–20" tall.

6685 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Copper Image - Stunning double blossoms expand in size each day, showcasing warm shades of coral, rose and peach. Blooms mature to a pale peach. 14–16" tall.

6687 ***A****: 10 for $16.50* ***B****: 20 for $31.00*
C*: 50 for $58.00*

Creme Upstar - An award-winning tulip that will catch anyone's eye with its pale yellow petals sun-kissed with shades of pink and peach. Although this multi-colored beauty goes well with many colors, we recommend pairing with Angelique for outstanding garden displays and bouquets. Lightly fragrant. 14–18" tall. **BACK!**

6550 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Double Gudoshnik - Extravagant multi-layered double blooms open in rich shades of red and orange and develop into yellow and peach. These heavy-headed peony-like flowers prefer a sheltered planting site out of the wind. Slight sweet fragrance; exquisite in bouquets. 18–20" tall. 11-12cm.

6689 ***A****: 10 for $10.50* ***B****: 20 for $19.00*
C*: 50 for $36.00* ***D****: 100 for $68.00*

Double Negrita - Layers of broad ruffled purple petals streaked with violet and green. Sturdy stems and light fragrance make them wonderful for arrangements. 16–18" tall. Z3-8.

6691 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Dream Touch - Full fluffy blooms of slightly pointed purple-maroon petals edged in white. This artful contrast is the perfect touch in mixed bouquets. 18–20" tall.

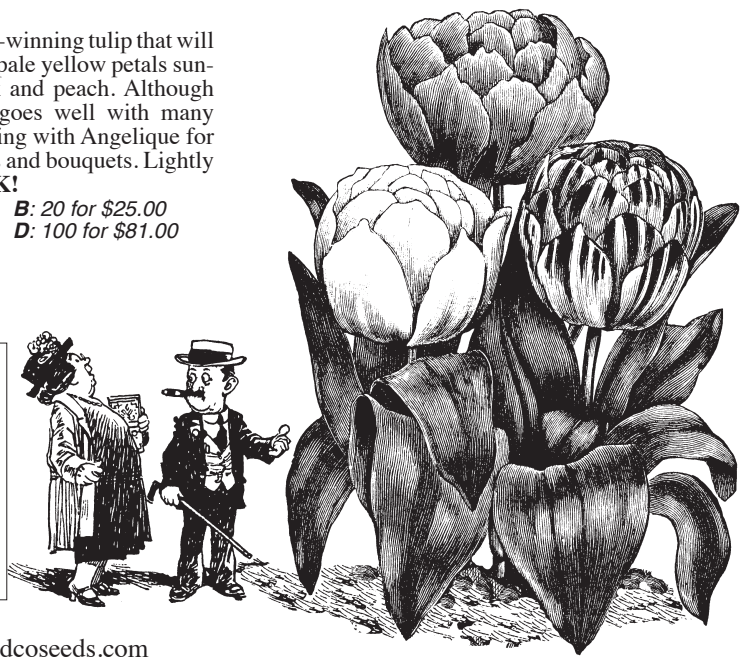
6693 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

La Belle Epoque - A tulip like no other. This rare beauty has a vintage color palette of dusty rose, peach, salmon, and copper that evolves as the blooms mature. A natural pairing with soft colors found in Charming Beauty and Angelique, or mix with Double Negrita for a bold statement. 16–18" tall.

6700 ***A****: 10 for $16.50* ***B****: 20 for $31.00*

Mount Tacoma - Pure white heirloom. One of the fullest of the Double Lates and a great complement to just about anything, whether in beds, borders, vases, or sconces on the wall. 14–18" tall.

6695 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*



Included in each heading or description:

- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
- Bulb size

Orange Princess - A double version of the popular Princess Irene. Big full blooms of glowing orange petals with crimson-purple flames. Flowers are long-lasting and fragrant. Excellent cutflower. 12–14" tall.

6697 ***A****: 10 for $13.50* ***B****: 20 for $25.00*
C*: 50 for $45.00* ***D****: 100 for $81.00*

Pep Talk - Multi-colored in streaks of pink, rose and ivory with distinct striping and contrasting petal edges. Colors deepen as blooms mature. No two blossoms are the same. The patterns and color play would give anyone's spirits a boost. 18–20" tall.

6698 ***A****: 10 for $16.50* ***B****: 20 for $31.00*
C*: 50 for $58.00*

Silk Road - Large blossoms start out ivory and champagne then migrate to dense yellow buttercreams, some touched with light cranberry or mauve. No two flowers are alike. A remarkable color journey. 16–18" tall. **NEW!**

6720 ***A****: 10 for $14.50* ***B****: 20 for $26.00*
C*: 50 for $49.00* ***D****: 100 for $89.00*

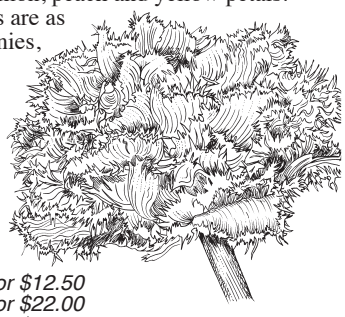
Sunlover - Magnificent fully doubled blooms start out golden-yellow with red highlights. The red markings increase until this Double Late begins to glow orange and even orange-red. Lights up the garden and looks great in a vase. 16–18" tall. Z3-8.

6699 ***A****: 10 for $12.50* ***B****: 20 for $22.00*
C*: 50 for $39.00* ***D****: 100 for $65.00*

Fringed Tulips

Finely cut fringe on the petal edges creates a lovely feathered appearance that is sure to be a conversation starter. Fringed tulips come in either single or double flowers and add intriguing texture to bouquets. MS-LS.

Brisbane - Double-fringed with wild feathery effusions of salmon, peach and yellow petals. The full blooms are as luscious as peonies, but with the peculiar fringe that adds delightful shabby-chic texture to bouquets. 18–20" tall. Z3-8.



6705 ***A****: 10 for $12.50*
B*: 20 for $22.00*
C*: 50 for $39.00*
D*: 100 for $65.00*

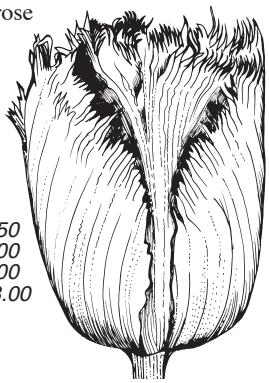
Cummins - Vibrant 4" lavender cup-shaped blooms are edged with ornate white fringe. Long-lasting in the garden and vase. Spectacular in floral arrangements. Also known as Crunchy Cummins. 18–20" tall.

6677 ***A****: 10 for $16.50*
B*: 20 for $31.00*
C*: 50 for $58.00*

Labrador - Dark maroon-black matures to blackberry, with extra-fringed edges for extra-moody bouquets. 18–20" tall. Z3-8.

6707 ***A****: 10 for $10.50*
B*: 20 for $19.00*
C*: 50 for $36.00*
D*: 100 for $68.00*

Lambada - Salmon-rose petals are trimmed with golden yellow-orange fringe that glistens in the sun. This zesty tulip partners well with pastels. 18–20" tall. Z3-8.



6709 ***A****: 10 for $10.50*
B*: 20 for $19.00*
C*: 50 for $36.00*
D*: 100 for $68.00*

Species Tulips *Tulipa*

The original wild tulips from the center of tulip diversity in central Asia, and their cultivars which still have a "wild" look. Our stock is nursery-propagated from commercial sources and is not collected in the wild. Once established with good drainage, these tend to perennialize (or naturalize) unlike many of the big hybrid tulips. Most species tulips are not tall, showy or formal, but they have their own halfling charms.

Tulipa 'Alba Coerulea Oculata' - With its white petals and steely blue to violet centers, this unusual tulip will capture you in its gaze. Like many species tulips it naturalizes well if given space. In warmer zones it appreciates some midday shade. 6–8" tall. ES, Z3-8. 5/6cm. **NEW!**

6754 ***A****: 10 for $19.50* ***B****: 20 for $36.00*

Danique - Rosy and salmon petals are more saturated at the edges and open to charcoal centers edged in pale yellow for splendid contrast. Petite and starry, Danique sends up multiple blooms per bulb and can perennialize well when it's happy. 6–8" tall. MS-LS, Z3-8. 6cm/up.

6755 ***A****: 10 for $9.50* ***B****: 20 for $17.00*
C*: 50 for $39.00*

Hilde - *T. cretica* - Pale pink exterior accented with darker magenta striations, and a golden-yellow heart. Up to three star-shaped flowers per stem. This 1853 heirloom is petite and rugged enough to withstand the rocky mountains of Crete whence it hails. 6–7" tall. MS. Z3-8.

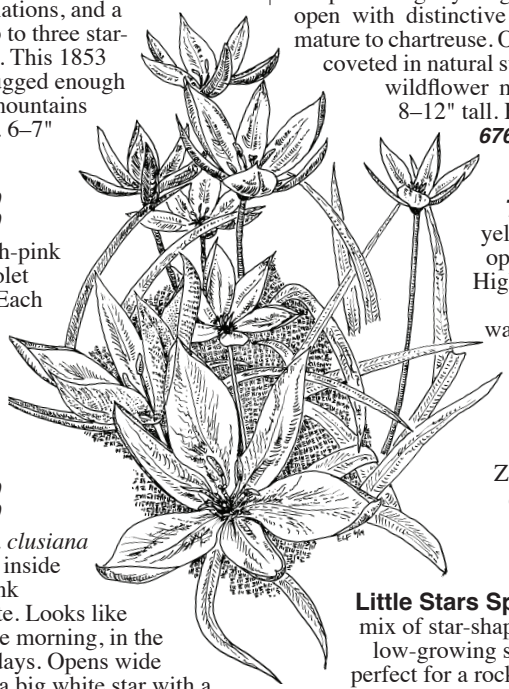
6757 ***A****: 10 for $9.50*
B*: 20 for $17.00*
C*: 50 for $39.00*

Little Beauty - Reddish-pink pointy petals open to violet centers edged in white. Each bulb produces 2–5 fragrant flowers amid thin grass-like leaves. Wee and winsome at only 4–6" tall. MS, Z3-8. 6cm/up.

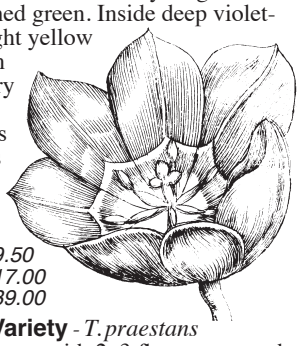
6759 ***A****: 10 for $9.50*
B*: 20 for $17.00*
C*: 50 for $39.00*

Peppermint Stick - *T. clusiana* Pointed petals are white inside with a dusty crimson-pink exterior edged with white. Looks like candy when closed in the morning, in the evening and on cloudy days. Opens wide in the sunshine to show a big white star with a royal purple base. One or two flowers per bulb. The species, native to the Himalayas, is called Lady Tulip. 8–12" tall. ES-MS, Z3-8. 5cm/up.

6761 ***A****: 10 for $10.50* ***B****: 20 for $17.00*
C*: 50 for $39.00*



Persian Pearl - *T. humilis* - Dusky magenta outside, lightly veined green. Inside deep violet-magenta with a bright yellow base. Opens wide in sun offering a cheery splash of color and sweet scent. Species native to mountains of Kurdistan. 4–8" tall. ES-MS, Z3-8. 6cm/up.



6763 ***A****: 10 for $9.50*
B*: 20 for $17.00*
C*: 50 for $39.00*

Van Tubergen's Variety - *T. praestans* Brilliant scarlet-orange, with 2–3 flowers on each stem, and possibly several flowerstalks per bulb. Flowers open wide in the sun, 4–5" across. Unlike most species tulips, these flowers are as large as the early season hybrids, on short sturdy stems. Broad medium-green leaves. 8–14" tall. ES-MS, Z4-8. 6cm/up.

6765 ***A****: 10 for $9.50* ***B****: 20 for $17.00*
C*: 50 for $39.00*

Tulipa sylvestris - A 16th-century heirloom, known as **The Woodland Tulip**, grown for Thomas Jefferson in his garden at Monticello. Elliptical slightly fragrant bright yellow flowers open with distinctive green exterior petals that mature to chartreuse. Often a good naturalizer, it is coveted in natural swaths in woodland borders, wildflower meadows and garden beds. 8–12" tall. ES, Z4-8.

6767 ***A****: 10 for $9.50*
B*: 20 for $17.00*
C*: 50 for $39.00*

Tulipa tarda - Star-shaped yellow flowers with white tips open wide even on grey days. Highly multifloral, 4–6 flowers per bulb above a rosette of wavy basal leaves. Very long-lived. One of the easiest to grow; spreads readily, even on the shady north side of the house. Also called *T. dasystemon*. 4–6" tall. MS, Z3-8. 7cm/up.

6769 ***A****: 10 for $9.50*
B*: 20 for $17.00*
C*: 50 for $39.00*

Little Stars Species Tulip Mix A merry mix of star-shaped multifloral tulips whose low-growing spreading habits make them perfect for a rock garden. Contains a mix of *T. tarda*, Persian Pearl, Little Beauty, *T. saxatilis* (lilac-pink with a yellow base), and Little Princess (burnt-orange blushed with pink and a black center edged in yellow), among other little stars. 4–8" tall. ES-LS, Z3-8. 6cm/up.

6771 ***A****: 25 for $21.00* ***B****: 50 for $38.00*
C*: 100 for $72.00*

Amaryllis

Hippeastrum

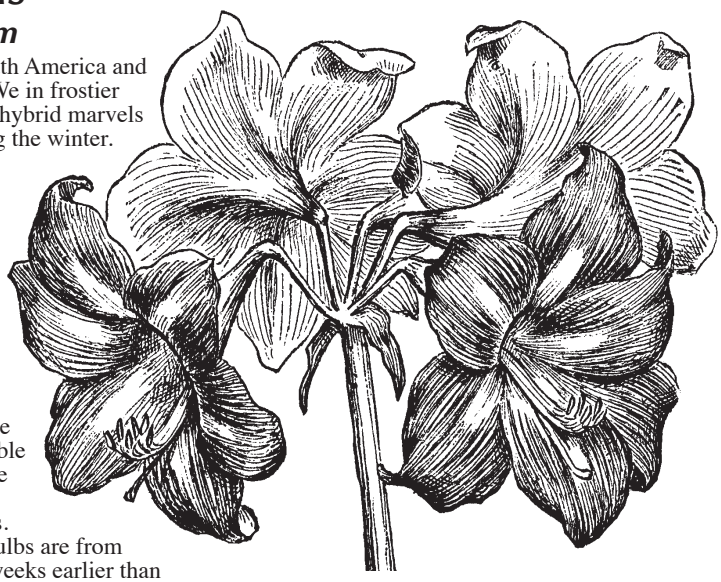
Originally from Central and South America and grows outdoors in Zones 9-10. We in frostier climes plant these easy-to-grow hybrid marvels indoors and enjoy blooms during the winter.

Remove the pollen-bearing anthers for a longer bloom time and a neater tabletop. With simple care and proper soil nutrients, amaryllis can return year after year. Planting and care instructions come with your order; you can also view them online: fedcoseeds.com/resources/growing-guides/amaryllis.html

Our Amaryllis bulbs are of the largest size commercially available (36/38cm) and generally produce two or more flower stalks, each bearing 3–4 high-quality blooms.

This year all our Amaryllis bulbs are from Peru and will bloom up to two weeks earlier than bulbs from the northern hemisphere. This means you might get flowers by winter solstice if you pot them up in time.

See next page for planting instructions.



Use the Force!

Growing bulbs indoors is an easy way to brighten up the cold winter days. Paperwhites and Amaryllis are easy to grow, and since they are native to warm climates, they don't require a period of chilling in order to bloom.

Many other bulbs in our catalog can be enjoyed during the winter months by the process of "forcing," which mimics the plant's natural dormancy period. For instructions on forcing bulbs like Scilla, Iris, Narcissus, Tulips and more, see page 14.

View color photos online.

Jumbo Amaryllis

Jumbo bulbs produce graceful 6–8" blooms.

Bolero - Deep vibrant pink rounded petals have a seersucker texture. Blooms a bit earlier than others; a good candidate for solstice-season blooms. 20–25" tall.
6433 ***A****: 1 for $17.50* ***B****: 3 for $46.00*

Cherry Blossom - White blossoms with soft pink blushes, vivid pink striations, and luminous green throats. Typically grows two stems with 4–6 blooms per stem. 20–25" tall.
6435 ***A****: 1 for $17.50* ***B****: 3 for $46.00*

Denver - Brilliant gleaming white petals with highly reflexed tips, and green throat. 20–24" tall.
6437 ***A****: 1 for $17.50* ***B****: 3 for $46.00*

Lemon Star - Elegant star-shaped blossoms with large white petals and lemon-yellow centers. Each stalk will produce up to 4–5 blooms. 20–25" tall.
6441 ***A****: 1 for $21.50* ***B****: 3 for $59.00*

Mandela - Richly saturated deep red flower, almost maroon, with a velvety near-black center. Bold and sultry blooms highlighted by yellow-green stamens. 20–25" tall.
6443 ***A****: 1 for $21.50* ***B****: 3 for $59.00*

Revelation - Extra showy, with deep red centers radiating out to dark pink with bold red edging. 4–5 blooms per stalk. 20–25" tall.
6445 ***A****: 1 for $21.50* ***B****: 3 for $59.00*

Souvereign - Tangerine-orange flowers with intense color saturation. 24–28" tall.
6447 ***A****: 1 for $17.50* ***B****: 3 for $46.00*

Double Amaryllis, next page.

Double Amaryllis

Doubled petals provide a rich lush appearance in a 6–8" bloom. Large flowers can be top-heavy; use a stake or heavyweight pot to maintain stability, or plant slightly deeper.

Double King - Bright crimson-red double blooms. Full of petals, flowers can reach 8" across. A regal winter companion. 20–24" tall.

6439 ***A****: 1 for $21.50* ***B****: 3 for $59.00*

Plant Amaryllis between October and May for flowering between December and June

Store the bulb in a dry dark cool area (45–50˚) until you are ready to plant.

A few hours before planting, fill a 10–14 oz. glass with lukewarm water. Set the bulb on the rim and allow the roots to soak up some water.

Use a pot about 2" larger than the bulb. Place a layer of small rocks at the bottom of the pot to improve drainage. Cover the bulb to the "shoulders" with potting soil or compost. Press the soil firmly around the bulb.

Or, place the bulb in a clear vase with decorative stones or glass for ballast. Fill with water just high enough to keep the roots covered.

In the first few weeks, water sparingly. After the bud-stalk or leaves emerge, water more frequently. Direct sunlight and warm temps encourage proper growth. Amaryllis generally bloom 6–8 weeks after planting; the flowers last nearly 2 weeks.

Cut the flowerstalk close to the bulb after the flower fades. The leaves will continue to grow, and need regular sunshine in order to store enough nutrients to bloom again. Once the danger of frost has passed, the potted plant can go outdoors.

In late summer, stop watering and let the leaves die back (or let the first light frost kill them). Before hard frost, bring the pots back inside. Keep dry in a cool dark place (like a basement or root cellar) for 8–12 weeks to simulate dormancy.

Bring the bulb back to room temp and begin watering again, about 6–8 weeks before the desired flowering time, and its cycle will begin again.

Paperwhites

Narcissus tazetta

Tall slender stems bear masses of fragrant delicate flowers. **Must be grown indoors in Zones 1-6.** Ziva, the muskiest paperwhite, is ready to grow, requiring no cold period; Erlicheer will bloom more reliably if allowed to start in a cool place.

You can stagger planting times to prolong the season. If you don't plant the bulbs right away, store them in a cool dry dark place—but don't lose track of them or you may find them growing in their bags. The longer you store them, the more quickly they'll bloom once in a pot. October plantings usually bloom in 4–6 weeks; February plantings in as little as 2–3 weeks. 16-17cm.

Erlicheer - Creamy white petals with a highly doubled center flecked with yellow. Reminiscent of Cheerfulness both in appearance and fragrance, and pronounced *Early Cheer*. As many as 20 florets per stem. These can be a little finicky, so be sure to root them at the colder end of cool (45–50˚) for best performance. 12–14" tall.

6585 ***A****: 5 for $9.50* ***B****: 20 for $32.00* ***C****: 50 for $62.00*

Ziva - White flowers bloom early with strong musky spicy fragrance. Has the most flowers per stem, and is one of the quickest to bloom once planted. If you don't plant until late winter, you'll find them growing in storage! 16–18" tall.

6587 ***A****: 5 for $9.50* ***B****: 20 for $32.00* ***C****: 50 for $62.00*

Planting Paperwhites

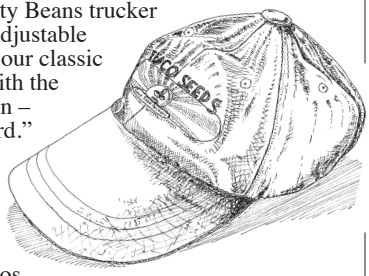
For a full appearance, group five to eight bulbs in a container 6" in diameter. Plant in pebbles or marbles, keeping bulbs above the waterline, or plant in soil for longer-lasting flowers. Allow to root in a cool (45–60˚) dry dark place, for about 3 weeks, checking water level often. Some plantings may need staking to support heavy flower heads.

Research from Cornell shows that adding water with 5% alcohol after the shoots are 1–2" tall stunts their growth slightly, enough to prevent top-heavy tippiness, but not stunt their flowering. To learn about pickling, go to:

- blogs.cornell.edu/hort/2009/11/10/pickling-your-paperwhites/
- hort.cornell.edu/miller/bulb/Pickling_your_Paperwhites.pdf

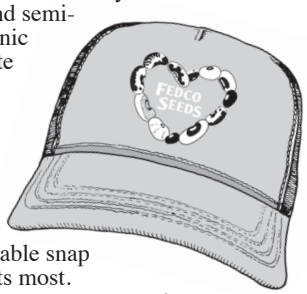
Fedco Fashions

Organic Fedco Cap Nothing says style like a Fedco cap. Classic low-profile ball caps: different from our Hearty Beans trucker hat (below). Adjustable headband and our classic sunray logo with the slogan "Garden – Farm – Orchard." The grey cap has a black and white logo, while the rest have color logos. If you order a color that's out of stock, we'll send a different color. One size fits most.



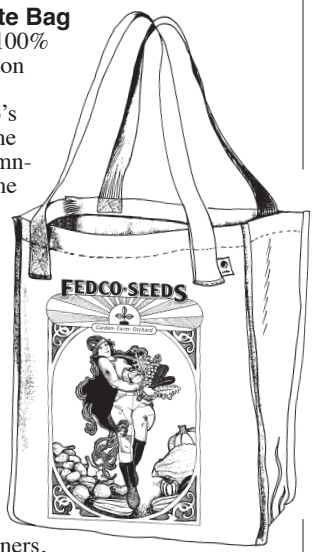
***9404**: Fedco cap, $26.00*
***A**: grey* ***B**: black* ***C**: blue*
***D**: brown* ***E**: green* ***F**: purple*

Organic Fedco Hearty Beans Hat
The perfect trucker hat for all the farming fashionistas and bean-lovers in your life. The black front panel and semi-curved bill are organic cotton, and the white mesh in the rear is recycled polyester. The embroidered design is "Fedco Seeds" outlined by heirloom dry beans arranged into a heart. Plastic adjustable snap closure. One size fits most.



***9405 A**: Hearty Beans trucker hat, $32.00*

Fedco Canvas Tote Bag
Our beautiful beige 100% certified-organic cotton canvas bag features the artwork of Fedco's own Sarah Oliver. She explains, "This autumn-harvest drawing is one of a series inspired by Alphonse Mucha's 1897 *Four Seasons*. I love Mucha's graceful swirls and impeccable lines, and I enjoyed taking these ladies in their bedsheets and swoony poses and putting them into the well-worn rugged clothing of farmers and gardeners, surrounded by seasonal bounty." Tote bag is 12½" wide, 14½" tall, 7" deep (square bottom), with 24" handles.



***9450 A**: tote bag, $29.00*

The Bamboo Gardener Nitrile Palm Gloves
Whether it's gardening, home improvement or warehouse work, these are the go-to gloves for getting the job done when precision matters. Grippy, durable, breathable, moisture wicking and habit forming. Pair them with merino liners when it's cold out. Nitrile coating resists puncture and abrasions. Elastic wrist closure keeps out dirt. Machine washable. Made in Sri Lanka.

***9396**: nitrile gloves, $18.00*
***A**: small*
***B**: medium*
***C**: large*
***D**: x-large*

The Bamboo Gardener Rubber Palm Gloves
Textured natural rubber-latex palm offers a solid grip, whether conditions are wet or dry. Comfy, flexible, breathable and suitable for all kinds of weather—they wick away sweat in warm conditions, but they're also great paired with merino liners for working in frigid temps. Elastic wrist closure keeps out dirt and debris. They last longer than your typical cotton or synthetic garden gloves, so it makes sense that they are machine washable. Made in China.

***9394**: rubber-palm gloves, $18.00*
***A**: small*
***B**: medium*
***C**: large*
***D**: x-large*

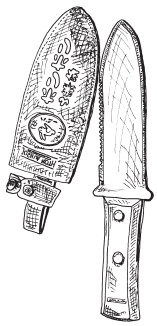
Vermont Glove Wool Liners These seamless-knit liners magically transform any pair of summer gloves into winter gloves! Merino wool keeps you warm even when wet. Designed for use with the superb leather Vermonter Work Gloves (available on our website), but these liners are also great stand-alone gloves for recreation, leisure or light-duty chores. Soft but rugged. Size is based on measurement around knuckles. 79% merino wool, 19% nylon, 2% elastic. Made in VT.

***9387**: wool glove liners, $25.00*
***A**: small (8-9")*
***B**: medium (9-10")*
***C**: large (10-11")*
***D**: x-large (11-12")*

View color photos online.

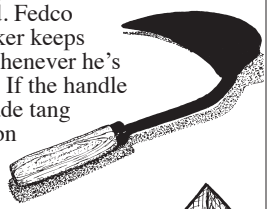
Planting Tools

Weeding Knife or ***Hori-Hori***
Thick strong concave steel blade with beveled edge tapering to a point, one semi-sharp smooth edge and one serrated edge. The 6 1/2" blade extends 2 1/2" into the wooden handle to which it is securely riveted. Good tool for planting bulbs, for general cultivating and for sawing small roots or heavy stems, though not as sharp as a knife or a saw. Comes with a black vinyl sheath with a belt loop. 11 1/4" long overall. Manufactured in Japan.



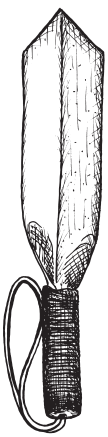
***8908 A**: hori-hori, $49.50*

EZ-Digger™ Unique hand-plow design from Korea features a 7" long, 3" wide convex blade tapering to a pointed end. Fedco Trees founder John Bunker keeps one in his back pocket whenever he's in the orchard or garden. If the handle comes loose, reinsert blade tang and rap handle forcibly on a hard surface to reset it. Handle length 4 7/8". Manufactured in Korea.



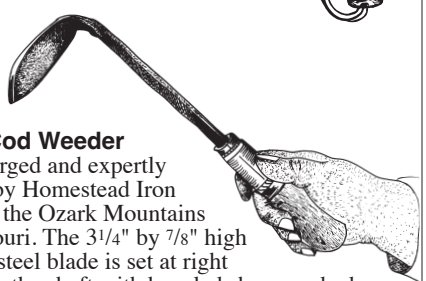
***8911 A**: digger, $29.00*

Wilcox All-Pro Heavy-Duty Digging Trowel Nearly indestructible and will not bend, even when digging in hard soil. Forged stainless-steel V-shaped blade is 9" long by 3" wide, has a sharp point for piercing sod or soil, and an etched depth guide. Comfortable non-slip easy-grip handle with a handy leather thong to loop around your wrist or hang in the shed. 14" overall length. Comes with a lifetime replacement guarantee from Wilcox. Made in Iowa.



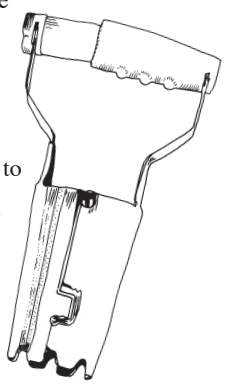
***8912 A**: trowel, $35.00*

Cape Cod Weeder
Hand-forged and expertly crafted by Homestead Iron Tools in the Ozark Mountains of Missouri. The 3 1/4" by 7/8" high carbon–steel blade is set at right angles to the shaft with beveled sharpened edges to separate weeds from their roots just below the soil surface. Minimizes soil disturbance and thus reduces likelihood of allowing more weed seeds to germinate. Fedco's legendary Gene Frey calls it his favorite hand tool! Overall length 12".



***8917 A**: weeder, $49.50*

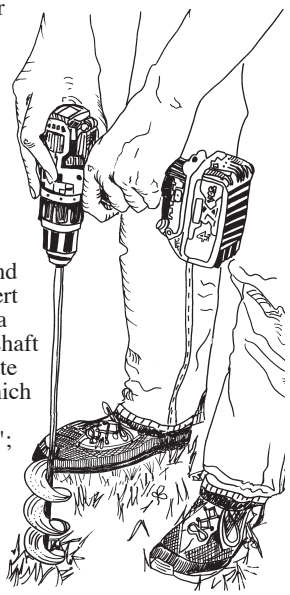
Spring-Loaded Bulb Planter Efficient and ergonomic tool for preparing a planting hole and covering it up again. Plunge the rust-resistant steel cylinder into the soil to the appropriate depth using the gradation marks, and when you pull up, the soil mass (or "plug") stays held in the tool until you decide to release it with the spring-loaded thumb trigger. After using it to plant daffodils and crocuses, Fedco staffer Sarah attests, "I tend to be hesitant to acquire single-purpose tools like this, when I already have a trowel, but I would definitely buy one; pushing down and twisting feels like a much more symmetrical use of my body, and doesn't leave my right hand and wrist feeling totally wrecked at the end of the day." This tool was designed for use in cultivated soil; if planting into compacted soil, thick sod, clay, or rocky soil, consider the Planting Auger (below) instead.



Tool weight: 10 oz. Overall tool length: 9". Makes soil "plugs" that are 4 1/2" tall and 2 1/4" in diameter. Rinsing after each use and oiling on occasion will keep it operating smoothly. The orange handle makes it easy to find in your yard. Comes with a lifetime warranty through Fiskars. **NEW!**

***8926 A**: spring-loaded bulb planter, $9.50*

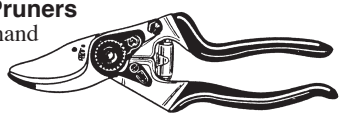
Planting Auger Tired of being hunched over with a trowel? Quickly plug in hundreds of flowerbulbs for a naturalized look in your landscape! Works with most corded and modern cordless drills. (Manufacturer recommends any corded drill, 3/8" or larger. For cordless, use a 1/2" drill with at least 18 volts of power.) There are many garden augers on the market, but we chose this one because it's sturdy, made in the USA, and the end that you insert in the drill chuck is a continuation of the shaft (rather than a separate piece welded on, which tends to break off). Auger diameter 2 3/4"; overall length 24". *Additional shipping charges apply—please order online.*



web only -
auger, $49.00

Felco® Cutting Tools

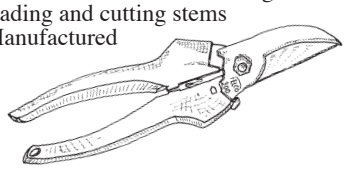
Felco #8 or #9 Pruners



The classic Felco hand pruners: heavy-duty, lightweight, comfortable to hold. Excellent cutting action. Blade features a sap groove and soft-wire cutter. Easy to adjust and sharpen. 8.8 oz. Rated to cut up to 1" caliper. Made in Switzerland.

***9013 A**: #8 right-handed for $96.00*
***9014 A**: #9 left-handed for $95.00*

Felco #300 Flower Shears Useful for light pruning, deadheading and cutting stems for arranging. Manufactured in Italy with the same fine steel as the more expensive Felco tools.

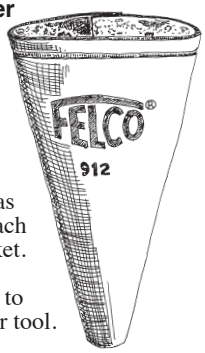


***9016 A**: flower shears, $45.00*

Felco #322 Trim and Pick Snips Slim sharp shears for seriously snappy snips! As Fedco staffer Renee puts it, "this style is indispensable on the farm—it is the go-to pruner for most any garden tending task." The blades are straight with slightly rounded tips, which prevents damage in fruiting and vining crops, herbs and flowers, and anything else you must weave your way into. Blades are carbon steel with chromium coating to stop corrosion. The sap groove mitigates buildup and provide consistently smooth cutting. The stainless steel spring mechanism makes for ergonomic handling, as do the shock absorbers. Don't mess around with cheaper look-alikes—invest in Felco-made tools. Weighs in at a mere 1/4 pound. Overall length 7 1/2".

***9027 A**: snips, $39.00*

Felco Shears/Snips Holster Best for Felco #300 flower shears and #322 snips (above), this attractive holster makes your tool easy to access and store securely, without poking holes in your pockets and legs. The long-lasting riveted leather pouch has a strong metal clip you can attach to your belt, waistband or pocket. Expect many years of reliable service. Over time it will mold to the shape of your favorite shear tool.



***9058 A**: holster, $24.00*

You'll find a wide selection of soil amendments, tools, supplies, books and more in our Seeds & Supplies catalog, or at **fedcoseeds.com**

Probiotic Soil Treatments

Mycorrhizae form beneficial relationships with the roots of most plant species: they boost plant growth by improving the roots' ability to take up nutrients, water and oxygen, and by improving soil structure.

MycoApply Endo/Ecto Four species of endo-mycorrhizal fungi, 7 species of ectomycorrhizal fungi, 5 species of beneficial bacteria. About 90% of plant species form beneficial relationships with mycorrhizal fungi. Boosts root growth, nutrient uptake and the health of your plants and soils. At planting or seeding time, work into the soil at 1 tsp/ft for small areas; for beds apply 2#/100 sq ft. *40-lb size available on our website.*

***8176 A**: 1# for $36.00*

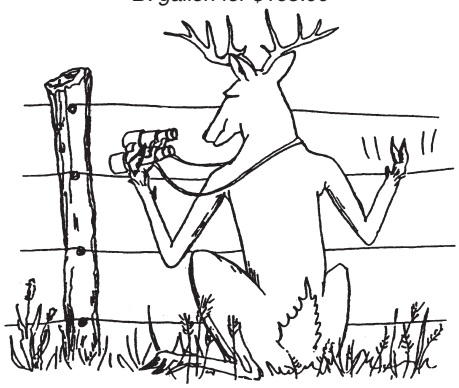
BioOrganics™ Endomycorrhizal Inoculant Micronized formula. A blend of 9 top types of endomycorrhizal spores. Spore count guarantee is a minimum of 40 spores per cubic centimeter. Water-soluble formula may be applied as a drench to turf or perennial plantings. Use 1 Tbsp in 1 gal water per 50 sq ft. May also be blended into potting soils at 2 Tbsp/cu ft; or sprinkled into planting rows at a rate of 1 tsp per linear ft. Do not use with fertilizers high in soluble phosphorus or with soil-drench fungicides, both of which would kill the spores. *Additional shipping charges apply—please order online.*

***web only - A**: 1.5# for $58.00*

Oh Dear!

Deer Stopper® Spray this mixture of rotten eggs and essential oils on your plants to stop the deer from being jerks. Dries clear and odor free (to human noses) and will not wash off in the rain. Lasts up to 30 days. Also good for marking the perimeter of gardens. May be applied in any climate or weather. Please note that you'll need a sprayer. Apply directly to ornamentals; for edible crops, apply as a perimeter spray. Dilute 1:9 with water. Exempt from EPA registration. Certified for organic use by MOFGA. *Additional shipping charges apply—please order online.*

***web only - A**: quart for $46.00*
***B**: gallon for $165.00*



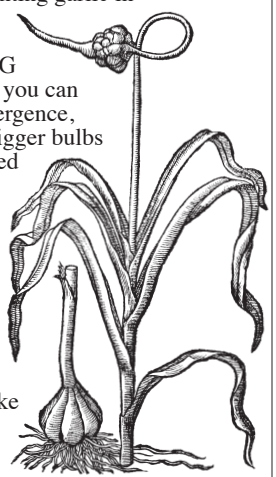
Fedco's Fall Planting Mixes

Bulb Builder Mix (4-6-4, plus 9.6% Ca, 10.4% SiO_2, 1.4% S, 1.7% Humic Acids) Have you ever used a fertilizer that built you up, only to let you down? We developed this fine-tuned flowerbulb fertilizer blend so that nutrient imbalances don't mess you around again. Helps bulbs form robust root systems, stay strong through dormancy, and stand tall come spring. The foundations of this mix are all organic: feather meal, bone char, sulfate of potash, wollastonite, humic acids and mycorrhizal fungi.

For each bulb, mix 1 Tbsp into loosened soil below planting depth, or at 5–7 1/2# per 100 sq ft; water thoroughly. To top-dress established beds before leaves emerge in spring, spread 5# per 100 sq ft; water thoroughly. *No NH sale*. MOFGA-approved for organic use. *Additional shipping charges apply—order online*. **NEW!**

web only - ***A****: 5 lb for $16.50*
B*: 45 lb for $85.00*

3G Greener Garlic Grower (3-3.5-3.5 avg, plus sulfur) We designed a special Fedco mix to meet the nutrient requirements of garlic. 3G is about the fastest data speed you can expect in much of rural Maine, but we like life in the slow lane. We don't mind planting garlic in October and waiting until August to reap our pungent harvest. With 3G Greener Garlic Grower, you can expect better spring emergence, more vigorous plants, bigger bulbs and richer flavor. Blended in-house from sulfur, alfalfa meal, bone char, zeolites, sulfate of potash, feather meal and neem cake. On balanced soils, apply 1 Tbsp per clove for small plantings; or 100#/1000 row ft banded in-row. If you like gardening even more than cat videos, try 3G. If you're ready for an upgrade, check out **8319** 5G Garlic Growing Kit (see page 8). *No NH sale*. MOFGA-approved for organic use. *Additional shipping charges apply—please order online*.



web only - ***A****: 5 lb for $16.50*
B*: 45 lb for $85.00*

Want a bulb fertilizer free from animal byproducts? Go for Fedco's **Vegemighty Mix**, available on our website in 5# and 45# bags. No animal products means it will not attract dogs or skunks.

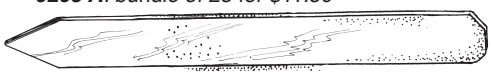
Supplies

Cap-Style Plant Labels Zinc-coated nameplates on galvanized steel wire provide long-term outdoor labeling. Cap-style marker is 10 1/2" tall with a 7/8x2 1/4" nameplate, tilted slightly to provide easy viewing. Mark with included grease pencil or with soft carbon pencil for erasability, or with hard pencil or ball-point pen for permanent engraved label. *For larger bundles of markers, see our website*.

9304 A*: bundle of 25 for $36.00*

Untreated Wooden Garden Stakes For those who prefer the simplicity, aesthetic and economy of plain wood for marking rows. Won't last as long in the elements as treated stakes, but you can count on them for at least a full growing season. 12x1 1/8". Made in Maine. *For larger bundles of stakes, see our website*.

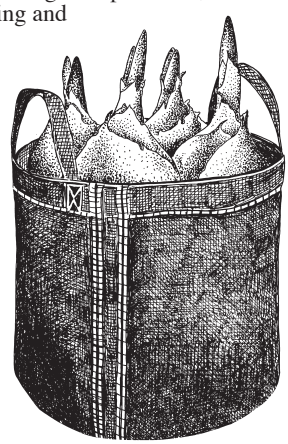
9295 A*: bundle of 25 for $11.50*



Artline Garden Marker Sharper than a Sharpie and leaves a lasting mark on bare wood. More resistant to fading than other permanent markers.

9316 A*: one marker for $5.50*

Fabric Pots Non-woven fabric pots provide excellent support to growing plants while allowing air to flow through the pot walls, preventing root circling and helping to aerate the growing medium. Lets water drain thoroughly. Fantastic for indoor growing, or for outdoor growing if you don't want to deal with weeds, compaction or poor drainage. Choose from 1-gal plain round pots for young plants; 3-gal and 5-gal round pots with built-in handles for easier maneuvering.



8804 A*: 1-gallon pot for $4.50*
8805 A*: 3-gallon pot for $6.50*
8806 A*: 5-gallon pot for $8.50*

Planting Bulbs

All the outdoor bulbs we offer are suitable for growing in Maine and the rest of the Northeast. If you don't know your hardiness zone, check with your local cooperative extension. Also remember that you can use rock walls and heavy mulch to shift conditions to your advantage.

Note for Zones 8-11 only: Our bulbs are not prechilled. Almost all the bulbs we carry require a cold dormancy period in order to bloom. If you live in one of these warmer zones, you must refrigerate (38–45˚) your bulbs for 2–3 months before planting during your coolest season. You can chill them in their packaging; keep them away from fruit and don't let them freeze.

Planning and Planting

Bulbs are easy to work with, very rewarding and forgiving. They look best planted in groups or clumps, naturalized in the sod, under trees, or in beds, borders or rock garden. Good drainage is essential; bulbs will grow poorly or rot if too wet.

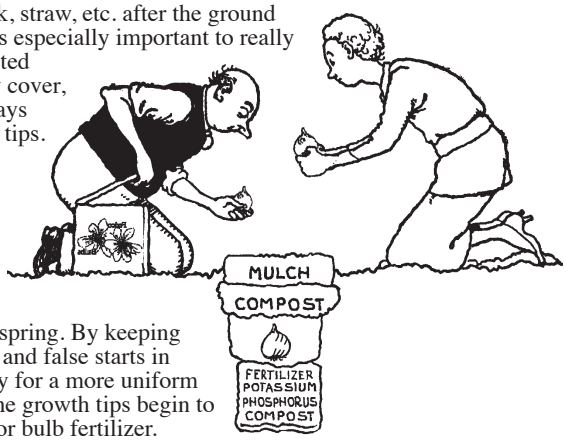
Bulbs can be planted successfully up until your ground freezes.

Prepare beds by mixing a bulb fertilizer, bonemeal and wood ashes, or other phosphorus and potassium sources into the soil below the level of the bulbs. We recommend our own **Bulb Builder Mix** (see left.) It's approved for organic growers (unlike the widely available Holland Bulb Booster). Mix in compost to lighten heavy soils and increase nutrients. Peat is acidic—use with caution.

Plant bulbs pointed side up; generally the depth of the hole is three times the bulb's height. See the chart on the next page for suggested planting depth and spacing. Topdress the bed with compost.

Mulch your bulbs with 4–6" of leaves, bark, straw, etc. after the ground freezes. If you plant them against the house, it's especially important to really heap on the mulch, as basement heat and reflected sunlight will likely remove the insulating snow cover, exposing them too early to alternating sunny days and freezing nights and damaging their growth tips.

Wherever they're planted, bulbs need insulation. You need to mulch (or plant extra-deep) unless winter will provide a consistent heavy snow cover. A good mulch can also give protection up to half a hardiness zone, enabling you to experiment with bulbs not quite hardy in your zone.



Do not remove the mulch too early in the spring. By keeping the soil from thawing, mulch prevents heaving and false starts in early warm spells, and delays flowering slightly for a more uniform and longer-lasting display. Remove mulch as the growth tips begin to peek through, and dress the bed with compost or bulb fertilizer.

Pinch the blooms as they fade to discourage seed production and force the energy back into the bulb. This is especially important for tulips and hyacinths, which can otherwise lose their flowering vigor in 2–3 years.

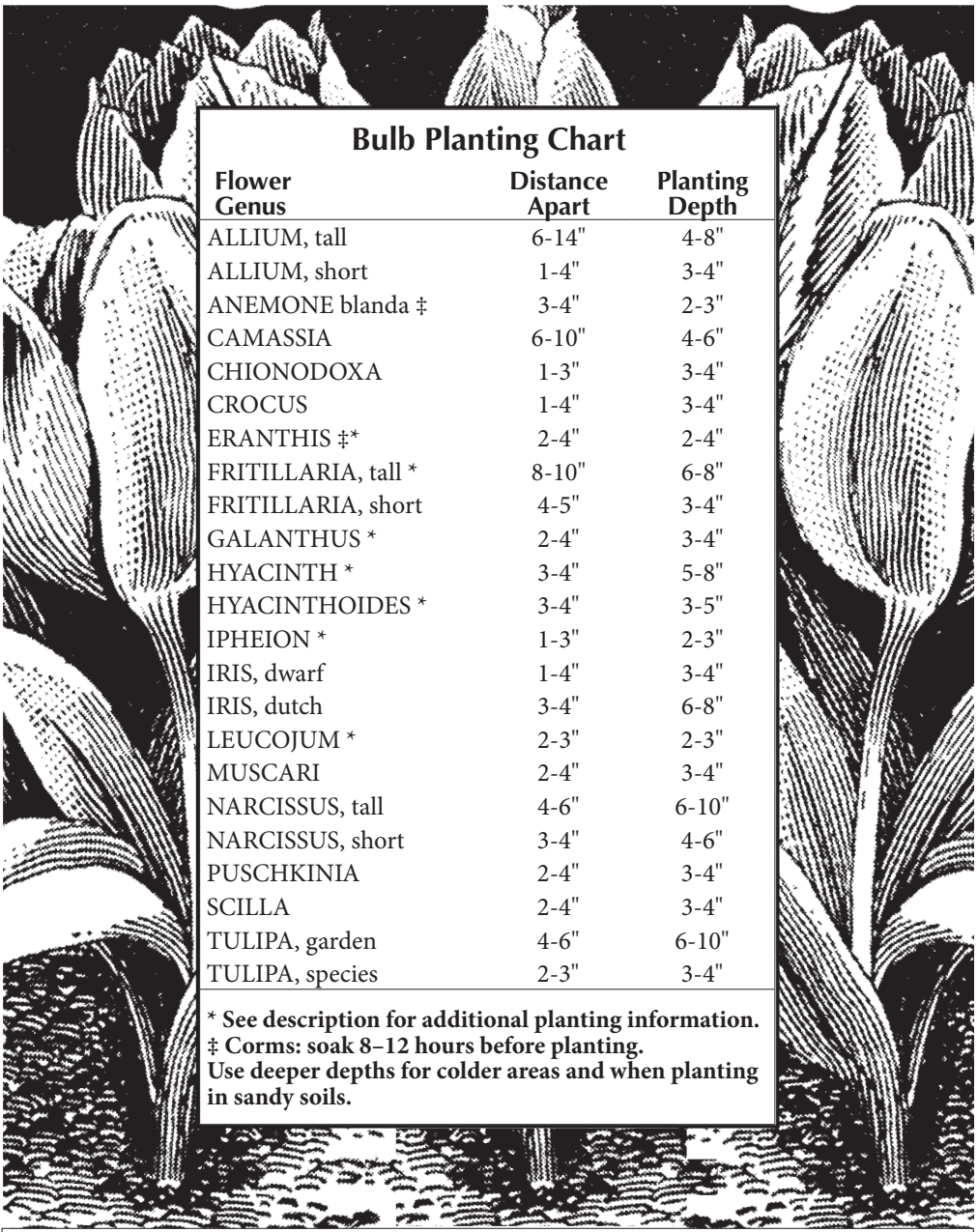
Do not cut the foliage as long as it remains green; it produces the food for the bulb's future blooms. Cut leaves only after they yellow. Sidedress with fertilizer or compost in late summer to mid-fall.

Troubleshooting

If squirrels, chipmunks or voles are a problem, try chicken wire or sharp gravel placed in the ground above and surrounding the bulbs. Blood meal repels many critters, but it may also repel people and attract dogs, skunks or raccoons. Or plant Narcissus, Allium, Fritillaria or Ipheion, which critters don't generally bother.

To disrupt squirrels' ability to "smell out" the bulbs in new plantings, we heavily dust the ground in those areas with black pepper and ground cloves right after planting in the fall and again in the spring when growth first emerges. The odor in the yard, reminiscent of chai, is a nice touch for us.

If after several years your bulbs produce leaves but not flowers, they may be suffering from overcrowding (dig in autumn, separate and replant), insufficient sun (move to new location), under-nourishment (sidedress thoroughly) or marginal zone hardiness (give to a friend farther south).



Bulb Planting Chart

Flower Genus	Distance Apart	Planting Depth
ALLIUM, tall	6-14"	4-8"
ALLIUM, short	1-4"	3-4"
ANEMONE blanda ‡	3-4"	2-3"
CAMASSIA	6-10"	4-6"
CHIONODOXA	1-3"	3-4"
CROCUS	1-4"	3-4"
ERANTHIS ‡*	2-4"	2-4"
FRITILLARIA, tall *	8-10"	6-8"
FRITILLARIA, short	4-5"	3-4"
GALANTHUS *	2-4"	3-4"
HYACINTH *	3-4"	5-8"
HYACINTHOIDES *	3-4"	3-5"
IPHEION *	1-3"	2-3"
IRIS, dwarf	1-4"	3-4"
IRIS, dutch	3-4"	6-8"
LEUCOJUM *	2-3"	2-3"
MUSCARI	2-4"	3-4"
NARCISSUS, tall	4-6"	6-10"
NARCISSUS, short	3-4"	4-6"
PUSCHKINIA	2-4"	3-4"
SCILLA	2-4"	3-4"
TULIPA, garden	4-6"	6-10"
TULIPA, species	2-3"	3-4"

*** See description for additional planting information.**
‡ Corms: soak 8–12 hours before planting.
Use deeper depths for colder areas and when planting in sandy soils.

We stand by the quality of our products.

If you experience any product defect, we will either replace the item or refund the purchase price. Inspect your order immediately upon receipt and notify us of any problems. Because good results depend upon weather, soil and cultural practices over which we have no control, we limit our liability in all instances to the purchase price of the goods. The liability of Fedco Seeds, Inc., for breach of warranty, or any loss or damages arising out of the purchase or use of our products, including loss or damages resulting from any negligence whatsoever on our part, or strict liability in tort, shall be limited to the purchase price. By acceptance of the merchandise, the buyer acknowledges that the limitations and disclaimers herein described are conditions of sale, and that they constitute the entire agreement between the parties regarding any warranty or liability.

Claims for errors in your order must be presented within 30 days of receipt of your order.
Claims for any product defects should be presented to Fedco as soon as possible after discovery.
Failure to assert claims within 30 days after discovery renders this warranty null and void.

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"Sometimes planting garlic in fall for next summer's harvest is as close as I can get to optimism! Thank you, Fedco folks, for helping me believe in a flavorful future."

– Katie from Edinboro, PA

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Join the more than 1,500 consumer members who support our cooperative by contributing $100 membership equity.

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fedcoseeds.com/members.htm

This illustration is from one of our favorite books, *Growing Great Garlic* by Ron L. Engeland. See page 8.

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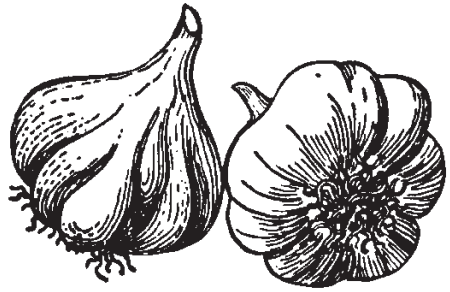
Shipping begins Sept. 30, through Oct.
Pickup customers will be notified mid-Oct.

Order online at **fedcoseeds.com**

Don't miss our other catalogs:
- Fedco Trees catalog comes out in October;
- Fedco Seeds & Supplies catalog in December.



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